


STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT <input type="checkbox"/>				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Kendall 16-17-3-1E				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT INDEPENDENCE				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR CRESCENT POINT ENERGY U.S. CORP						7. OPERATOR PHONE 720 880-3621				
8. ADDRESS OF OPERATOR 555 17th Street, Suite 750, Denver, CO, 80202						9. OPERATOR E-MAIL abaldwin@crecidentpointenergy.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Mike Kendall						14. SURFACE OWNER PHONE (if box 12 = 'fee') 801-546-2230				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 1638 E. Gordon Avenue, ,						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		847 FSL 587 FEL		SESE	17	3.0 S	1.0 E	U		
Top of Uppermost Producing Zone		847 FSL 587 FEL		SESE	17	3.0 S	1.0 E	U		
At Total Depth		847 FSL 587 FEL		SESE	17	3.0 S	1.0 E	U		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 587			23. NUMBER OF ACRES IN DRILLING UNIT 40				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 920			26. PROPOSED DEPTH MD: 9306 TVD: 9306				
27. ELEVATION - GROUND LEVEL 5018			28. BOND NUMBER LPM9080271			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-12534				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	24	16	0 - 40	65.0	H-40 ST&C	8.3	No Used	0	0.0	0.0
Surf	12.25	9.625	0 - 2000	32.0	J-55 ST&C	8.3	Class G	435	2.5	12.0
							Class G	315	1.15	15.8
Prod	7.875	5.5	0 - 9306	17.0	N-80 LT&C	10.0	Light (Hibond)	270	3.82	11.0
							Class G	570	1.65	13.1
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Kristen Johnson			TITLE Regulatory Technician			PHONE 303 308-6270				
SIGNATURE			DATE 12/17/2014			EMAIL kjohnson@crecidentpointenergy.com				
API NUMBER ASSIGNED 43047551320000			APPROVAL  Permit Manager							

Crescent Point Energy U.S. Corp
Kendall 16-17-3-1E
 SE/SE of Section 17, T3S, R1E, USB&M
 847' FSL & 587' FEL
 Uintah County, Utah

DRILLING PLAN

1-2. Geologic Surface Formation and Estimated Tops of Important Geologic Markers

Formation	Depth – TVD/MD
Uinta	Surface
Upper Green River Marker	4,689'
Mahogany	5,229'
Garden Gulch (TGR3)	6,471'
Douglas Creek	7,348'
Black Shale	7,782'
Castle Peak	7,917'
Uteland	8,197'
Wasatch	8,306'
TD	9,306'

3. Estimated Depths of Anticipated Water, Oil, Gas Or Minerals

Green River Formation (Oil) 4,689' – 8,306'

Wasatch Formation (Oil) 8,306' – 9,306'

Fresh water may be encountered in the Uinta Formation, but would not be expected below 350'. All usable (>10,000 PPM TDS) water and prospectively valuable minerals (as described by DOGM at onsite) encountered during drilling will be recorded by depth and adequately protected.

All water shows and water bearing geologic units will be reported to the geologic and engineering staff of the DOGM prior to running the next string of casing or before plugging orders are requested. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required. All water shows must be reported within one (1) business day after being encountered. Detected water flows shall be sampled, analyzed, and reported to the geologic and engineering staff at the DOGM. The DOGM may request additional water samples for further analysis.

The following information is requested for water shows and samples where applicable:

Location & Sample Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. Proposed Casing & Cementing Program*Casing Design:*

Size	Interval		Weight	Grade	Coupling	Design Factors			
	Top	Bottom				Burst	Collapse	Tension	
Conductor 16" Hole Size 24"	0'	40'	65	H-40	STC	1,640	670	439	API
Surface casing 9-5/8" Hole Size 12-1/4"	0'	2,000'	32	J-55	STC	2,950 810 3.64	1,370 1,117 1.22	244,000 48,000 5.08	API Load SF
Prod casing 5-1/2" Hole Size 7- 7/8"	0'	9,306'	17	L-80	LTC	7,740 6,200 1.25	6,290 4,770 1.32	348,000 158,000 2.14	API Load SF

Assumptions:

1. Surface casing max anticipated surface pressure (MASP) = Frac gradient – gas gradient
2. Production casing MASP (production mode) = Pore pressure – gas gradient
3. All collapse calculations assume fully evacuated casing w/gas gradient
4. All tension calculations assume air weight

Frac gradient at surface casing shoe = 10.0 ppg
 Pore pressure at surface casing shoe = 8.33 ppg
 Pore pressure at prod casing shoe = 8.33 ppg
 Gas gradient = 0.115 psi/ft

Minimum Safety Factors:

Burst = 1.000
 Collapse = 1.125
 Tension = 1.800

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of one (1) centralizer per joint on the bottom three joints.

Cementing Design:

Job	Fill	Description	Excess	Sacks	Weight (ppg)	Yield (ft ³ /sk)
Surface casing Lead	1500' - surface	Class V 2% chlorides	75%	435	12.0	2.5
Surface casing Tail	2000' – 1500'	Class V 2% chlorides	75%	315	15.8	1.15
Prod casing Lead	4600' to Surface	Hifill Class V 3% chlorides	25% in open-hole, 0% in cased hole	270	11	3.82
Prod casing Tail	TD to 4600'	Class G 10% chlorides	15%	570	13.1	1.65

*Actual volume pumped will have excess over gauge hole or caliper log if available

- Compressive strength of tail cement: 500 psi @ 7 hours

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug, cement, or shoe. WOC time shall be recorded in the Driller's Log. Compressive strength shall be a minimum of 500 psi prior to drilling out.

The DOGM Roosevelt Field Office shall be notified, with sufficient lead time, in order to have a DOGM representative on location while running all casing strings and cementing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A Tuned spacer will be used to prevent contamination of the lead cement by the drilling mud.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A Form 9, "Sundry Notices and Reports on Wells" shall be filed with the DOGM within 30 days after the work is completed. This report must include the following information:

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated of the top of the cement behind the casing, depth of the

cementing tools used, casing method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

5. Drilling Fluids Program

The Conductor section (from 0' to 40') will be drilled by Auger and final depth determined by when the black shale is encountered with a minimum depth of 40'.

The surface interval will then be drilled to $\pm 2000'$ with air/mist system. The air rig is equipped with a 6 1/2" blooie line that is straight run to the reserve pit. A variance is in request for this operation. The request can be found in Section 12 of this plan.

From $\pm 2000'$ to TD, a brine water system will be utilized. Clay inhibition and hole stability will be achieved with a polymer (DAP) additive; the reserve pit will be lined to address this additive. This brine water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 9.5 lbs/gal. If it is necessary to control formation fluids or pressure, the system will be weighted with the addition of brine, and if pressure conditions warrant, barite and/or calcium carbonate will be used as a weighting agent. There will be enough weighting agent on location to increase the entire system to 11.0 ppg MW.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior DOGM approval to ensure adequate protection of fresh water aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating characteristics of a hazardous waste will not be used in drilling, testing, or completion operations.

Crescent Point Energy will visually monitor pit levels and flow from the well during drilling operations.

6. Minimum Specifications for Pressure Control

A 3,000 psi BOP system or better will be used on this well. All equipment will be installed and tested per Onshore Order No. 2.

The configuration is as follows:

- Float in drillstring
- Inside BOP or safety valve
- Safety valve with same pipe threading
- Rotating Head below rotary table
- Fillup line
- 11" Annular Preventer – rated to 3,000 psi minimum
- 11" bore, 4-1/2" pipe ram – rated to 3,000 psi minimum
- 11" bore, Blind Ram – rated to 3,000 psi minimum
- 11" bore Drilling Spool with 2 side outlets (Choke side at 3" minimum & Kill side at 2" minimum)
 - 2 Kill line valves at 2" minimum – one with a check valve
 - Kill line at 2" minimum

- 2 Choke line valves at 3" minimum
- Choke line at 3" minimum
- 2 adjustable chokes on manifold
- Pressure gauge on choke manifold

7. BOPE Test Criteria

A Function Test of the Ram BOP equipment shall be made every trip and annular preventer every week. All required BOP tests and/or drills shall be recorded in the Driller's Report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to DOGM representatives upon request.

At a minimum, the Annular preventer will be tested to 50% of its rating for ten minutes. All other equipment (Rams, valves, manifold) will be tested at 3,000 psi for 10 minutes with a test plug. If rams are to be changed for any reason post drillout, the rams will be tested to 70% of surface casing internal yield.

At a minimum, the above pressure tests will be performed when such conditions exist:

- BOP's are initially installed
- Whenever a seal subject to pressure test is broken
- Following repairs to the BOPs
- Every 30 days

8. Accumulator

The Accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (HCR), close both rams and annular preventer as well maintain 200 psi above nitrogen precharge of the accumulator without use of accumulator pumps. The fluid reservoir volume will be double the usable volume of the accumulator system. The fluid level will be maintained per manufacturer's specifications.

The BOP system will have two independent power sources to close both rams and annular preventer, while opening HCR. Nitrogen bottles will be one source and electric and/or air powered pumps will be the other.

The accumulator precharge will be conducted every 6 months and maintained to be within the specifications of Onshore Order No. 2

A manual locking device or automatic locking device will be installed on both ram preventers and annular preventer.

Remote controls will be readily accessible to the driller and be capable of closing all preventers. Main controls will be available to allow full functioning of all preventers and HCR.

9. Testing, Logging and Coring Programs

The logging program will consist of a Gamma Ray log from TD to base of surface casing @ +/- 1100'. A cement bond log will be run from PBTD to top of cement. No drill stem testing or coring is planned for this well.

10. Anticipated Abnormal Pressures or Temperature

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous wells drilled to similar depths in this area.

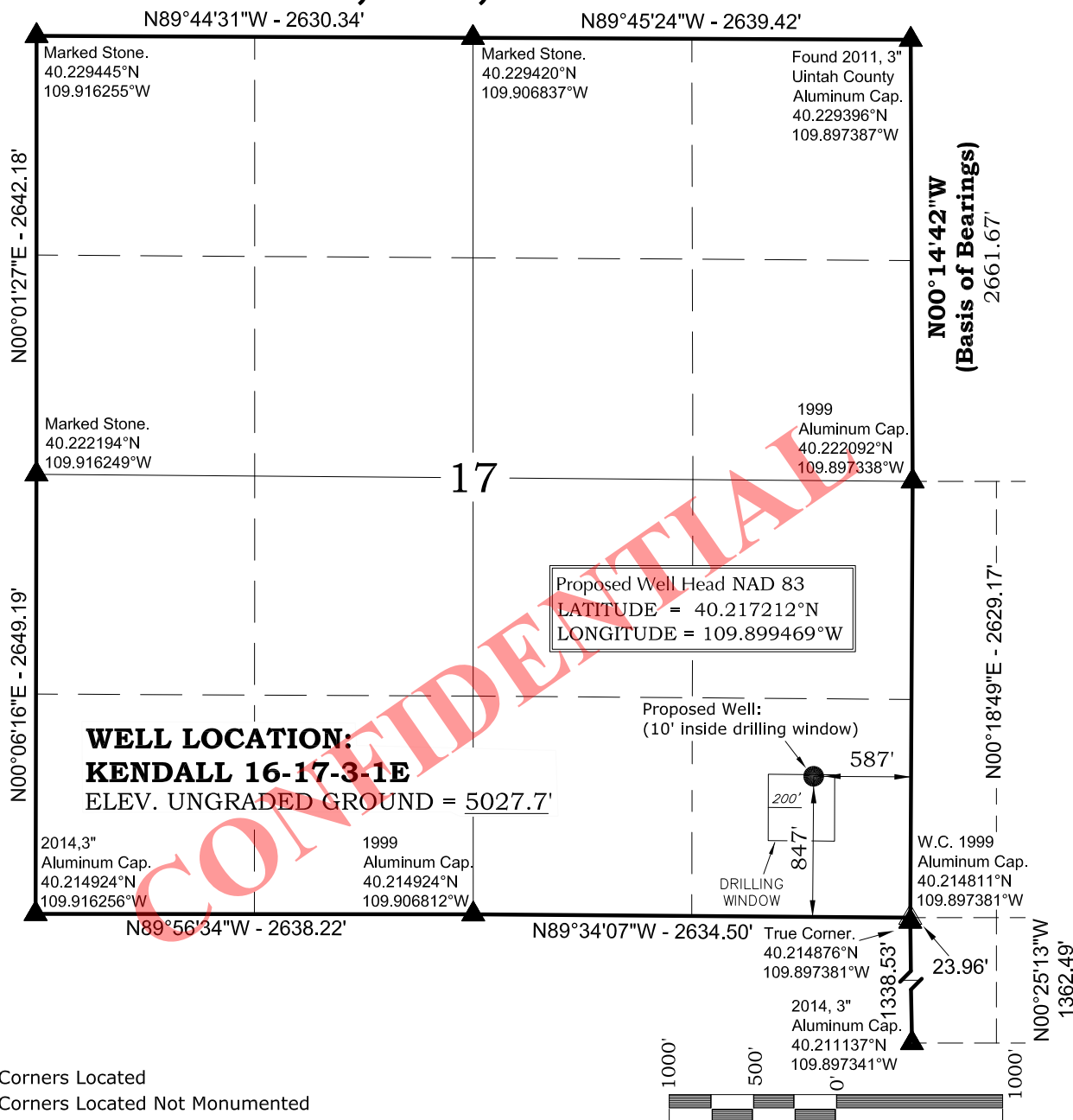
Maximum anticipated bottomhole pressure will be approximately equal to total depth in feet multiplied by a 0.52 psi/ft gradient, and a maximum anticipated surface pressure will be approximately equal to the bottomhole pressure calculated minus the pressure of a partially evacuated hole calculated at a 0.22 psi/foot gradient.

11. Anticipated Starting Date and Duration of Operations

It is anticipated that drilling operations will commence as soon as possible following permit approval and will take approximately ten (10) days from spud to rig release and two weeks for completions.

12. Variances Requested from Onshore Order No. 2

1. A diverter is utilized for surface air drilling, rather than a lubricated rotating head.
2. The blooie line is 45 ft from the wellbore rather than 100 ft and is not anchored down.
3. The blooie line is not equipped with an automatic igniter or continuous pilot light.
4. The compressor is located on the rig itself and not 100 ft from the wellbore.
5. The requirement for an Formation Integrity Test (FIT) or a Leak Off Test (LOT)

T3S, R1E, U.S.B.&M.**NOTES:**

▲ = Section Corners Located

△ = Section Corners Located Not Monumented

1. Well footages are measured at right angles to the Section Lines.
2. Bearings and distances shown on this plat are based upon a local Cartesian Grid which is oriented to Geodetic North at the SE Corner of Section 36, T3S, R1E, U.S.B.&M. the grid having a mean project height of 5,000'. Lineal units used are U.S. Survey Foot. Trimble G.P.S. equipment was used in performance of this survey.
3. Latitude and Longitude are NAD 83 (2011) Epoch 2010. Elevations are NAVD 88. Both derived from the Utah Virtual Reference Station Control System (VRS).

CRESCENT POINT ENERGY

555 17th Street, Suite 1800 - Denver, Colorado 80202

WELL PLAT**KENDALL 16-17-3-1E****847' FSL, 587' FEL****SE ¼ SE ¼ OF SECTION 17, T3S, R1E,
U.S.B.&M., UINTAH COUNTY, UTAH.**

SCALE

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PROFESSIONAL LAND SURVEYOR
LICENCE No. 6028691
STATE OF UTAH

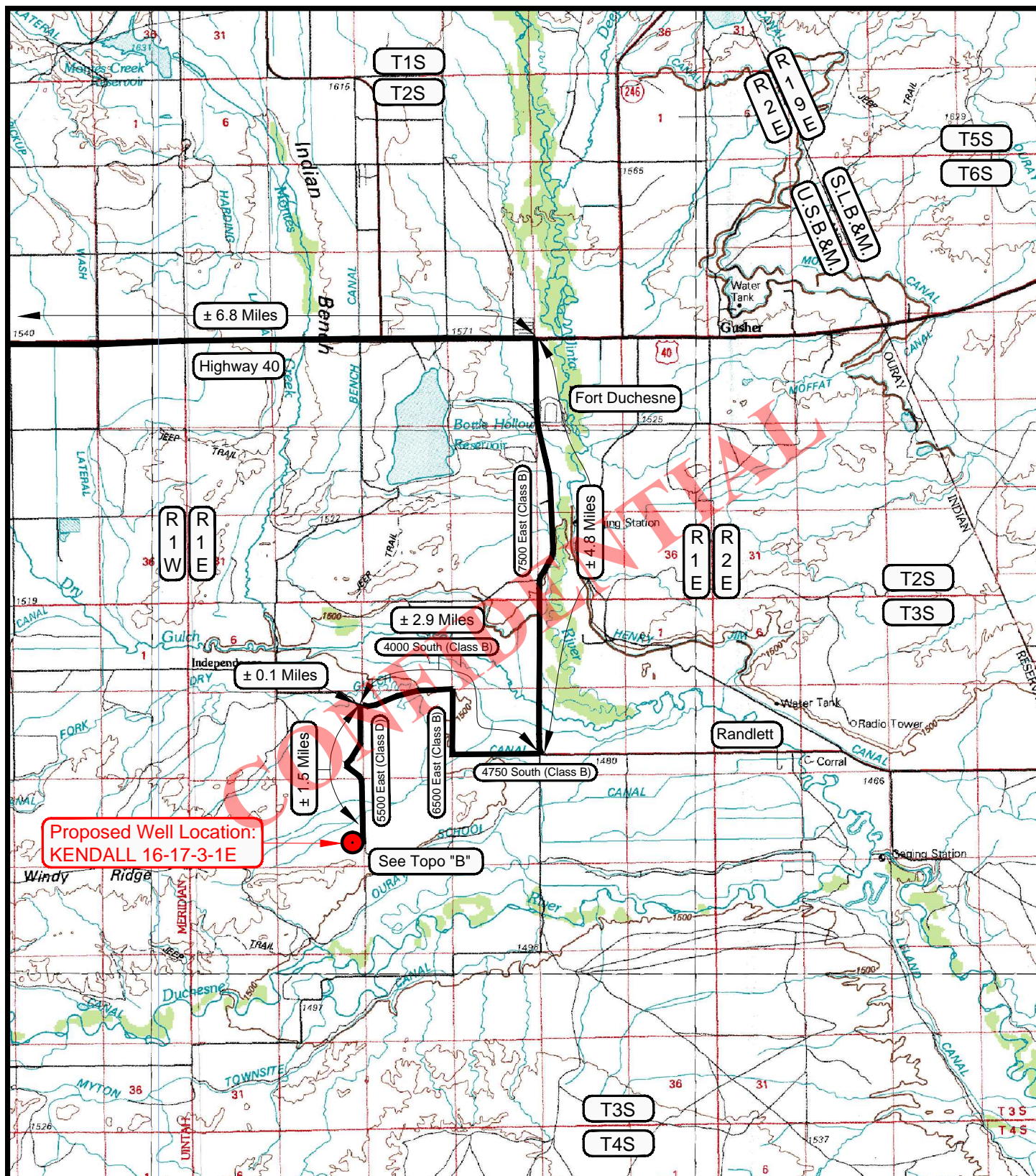
TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 10-1-14	SURVEYED BY: A.F.	SHEET NO:
DATE DRAWN: 10-16-14	DRAWN BY: S.A.	1
SCALE: 1" = 1000'	Date Last Revised:	OF 14

RECEIVED: December 17, 2014



LEGEND

PROPOSED ACCESS ROAD
 ■■■■ = SUBJECT WELL
 ■■■■ = OTHER WELLS
 — = EXISTING ROAD
 — = EXISTING ROAD (TO BE IMPROVED)

B-5460 = COUNTY ROAD CLASS
 & NUMBER

TOPOGRAPHIC MAP "A"

DATE SURVEYED: 10-1-14

DATE DRAWN: 10-16-14

SCALE: 1:100,000

DRAWN BY: S.A.

REVISED:

CRESCENT POINT ENERGY

555 17th Street, Suite 1800 - Denver, Colorado 80202

WELL - KENDALL 16-17-3-1E

847' FSL & 587' FEL

LOCATED IN SECTION 17, T3S, R1E,
 U.S.B.&M., UINTAH COUNTY, UTAH.

TIMBERLINE

(435) 789-1365

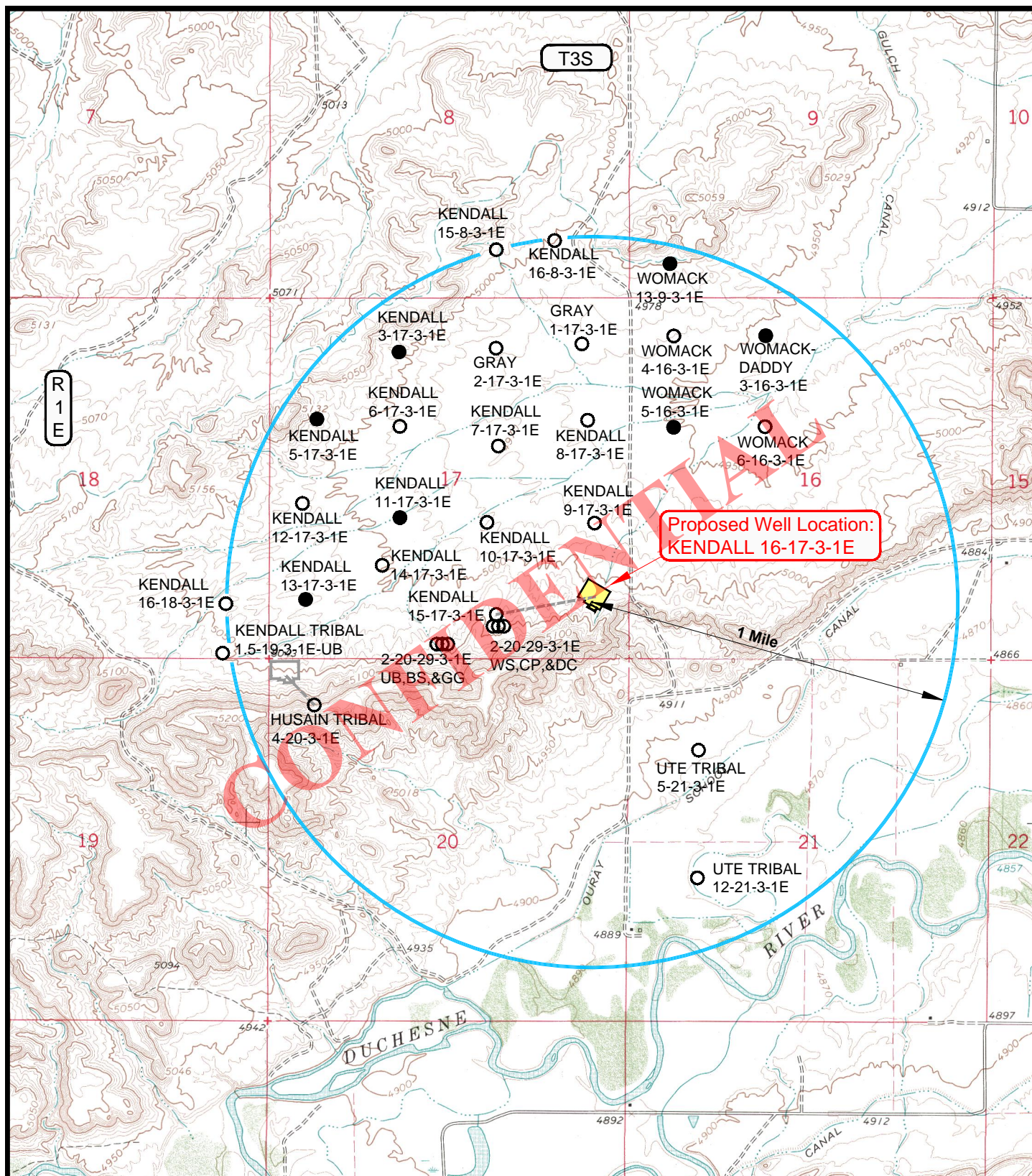
ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078

SHEET

7

OF 14

RECEIVED: December 17, 2014



LEGEND

- | | |
|--------------------|--------------------------------|
| ⊗ = DISPOSAL WELL | ⊗ = WATER WELL |
| ● = PRODUCING WELL | ● = ABANDONED WELL |
| ● = SHUT IN WELL | ● = TEMPORARILY ABANDONED WELL |
| ○ = PROPOSED WELL | ⊗ = ABANDONED LOCATION |

TOPOGRAPHIC MAP "C"

DATE SURVEYED: 10-1-14

DATE DRAWN: 10-16-14

SCALE: 1" = 2000'

DRAWN BY: S.A.

REVISED:

CRESCENT POINT ENERGY

555 17th Street, Suite 1800 - Denver, Colorado 80202

WELL - KENDALL 16-17-3-1E

847' FSL & 587' FEL

LOCATED IN SECTION 17, T3S, R1E,
U.S.B.&M., UINTAH COUNTY, UTAH.**TIMBERLINE**

(435) 789-1365

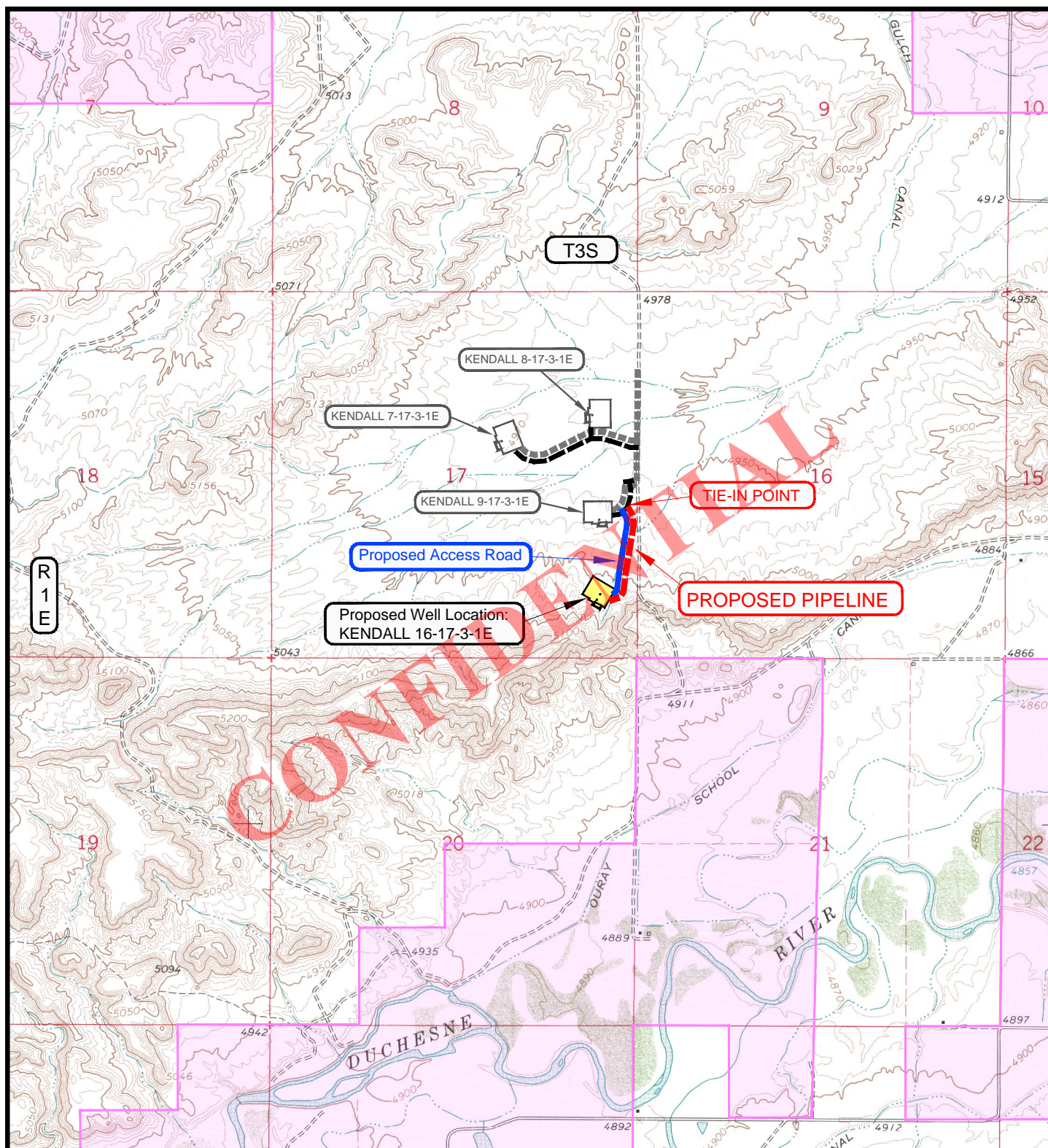
ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

SHEET

9

OF 14

RECEIVED: December 17, 2014



APPROXIMATE PIPELINE LENGTH = $\pm 1,335$ FEET

LEGEND

- = PROPOSED PIPELINE
- = OTHER PIPELINE
- = PROPOSED ACCESS ROAD
- █ = SUBJECT WELL
- █ = OTHER WELLS
- = LEASE LINE AND / OR PROPERTY LINE
- = PROPOSED WELL
- = UTE INDIAN TRIBE
- = FEE

TOPOGRAPHIC MAP "D"

SCALE: 1" = 2000'

DRAWN BY: S.A.

DATE SURVEYED: 10-1-14

DATE DRAWN: 10-16-14

REVISED:

CRESCENT POINT ENERGY

555 17th Street, Suite 1800 - Denver, Colorado 80202

WELL - KENDALL 16-17-3-1E

847' FSL & 587' FEL

**LOCATED IN SECTION 17, T3S, R1E,
U.S.B.&M., UTAH COUNTY, UTAH.**

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

SHEET
10
OF 14

RECEIVED: December 17, 2014

MEMORANDUM of SURFACE USE AGREEMENT AND GRANT OF EASEMENTS

David Eckelberger is Landman for Ute Energy Upstream Holdings LLC, authorized to do business in Utah (hereinafter referred to as "Ute Energy"). Ute Energy owns, operates and manages oil and gas interests in Uintah and Duchesne Counties, Utah.

WHEREAS, that certain Surface Use Agreement and Grant of Easements (the "Agreement") dated effective March 1st, 2012 has been entered into by and between Kendall Investments LLC, a Utah Limited Liability Company, whose address is 1638 E. Gordon Ave., Layton, Utah 84040 ("Owner") and Ute Energy Upstream Holdings LLC, whose address is 1875 Lawrence Street, Suite 200, Denver, CO 80202 ("Operator").

WHEREAS, Owner owns the surface estate of the real property in Uintah County, Utah (the "Property"), legally described as:

Township 3 South, Range 1 East, USM

Section 17: W/2, SE/4, S/2NE/4

Section 18: Lots 1, 2, 3, 4 (being the W/2W/2), E/2SW/4, SE/4, E/2NE/4

Section 19: Lots 1, 2, 3, 4, E/2W/2, E/2 (All)

Section 30: Lots 3, 4, 5, 6, 7 (being the NW/4 and the NW/4NE/4)

Township 3 South, Range 1 West, USM

Section 13: NE/4, NE/4SE/4, W/2SE/4, W/2SE/4SE/4, E/2E/2SE/4SE/4

WHEREAS, for an agreed upon monetary consideration, Operator may construct the necessary well site pads for drilling, completion, re-completion, reworking, re-entry, production, maintenance and operation of wells ("Well Pads") on the Property. Ute Energy, its agents, employees, assigns, contractors and subcontractors, may enter upon and use the Well Pads for the purposes of drilling, completing, producing, maintaining, and operating wells to produce oil, gas and associated hydrocarbons, including the construction and use of frac pits, tank batteries, water disposal pits, production equipment, compressor sites and other facilities used to produce and market the oil, gas and associated hydrocarbons.


WHEREAS, Operator has the right to a non-exclusive access easement on the Property for ingress and egress by Operator and its employees, contractors, sub-contractors, agents, and business invitees as needed to conduct oil and gas operations.

WHEREAS, Operator, its employees, contractors, sub-contractors, agents and business invitees has the right to a non-exclusive pipeline easement to construct, maintain, inspect, operate and repair a pipeline or pipelines, pigging facilities and related appurtenances for the transportation of oil, gas, petroleum products, water and any other substances recovered during oil and gas production.

WHEREAS, this Agreement shall run with the land and be binding upon and inure to the benefit of the parties and their respective heirs, successors and assigns as stated in the Agreement.

THEREFORE, Operator is granted access to the surface estate and the Agreement constitutes a valid and binding surface use agreement as required under Utah Admin. Code Rule R649-3-34(7).

This Memorandum is executed this 6th day of March, 2012


David Eckelberger
Landman

ACKNOWLEDGEMENT

STATE OF COLORADO)
) ss
COUNTY OF DENVER)

Entry 2012002111
Book 1268 Page 644 \$14.00
14-MAR-12 02:04
RANDY SIMMONS
RECORDER, UINTAH COUNTY, UTAH
BY: TONYA ATWOOD, DEPUTY
PO BOX 789 FT DUCHESNE, UT 84026

The foregoing instrument was acknowledged before me by David Eckelberger, Landman for Ute Energy Upstream Holdings LLC this 6th day of March, 2012.

Notary Seal:

My Commission expires:
September 15, 2014
Date



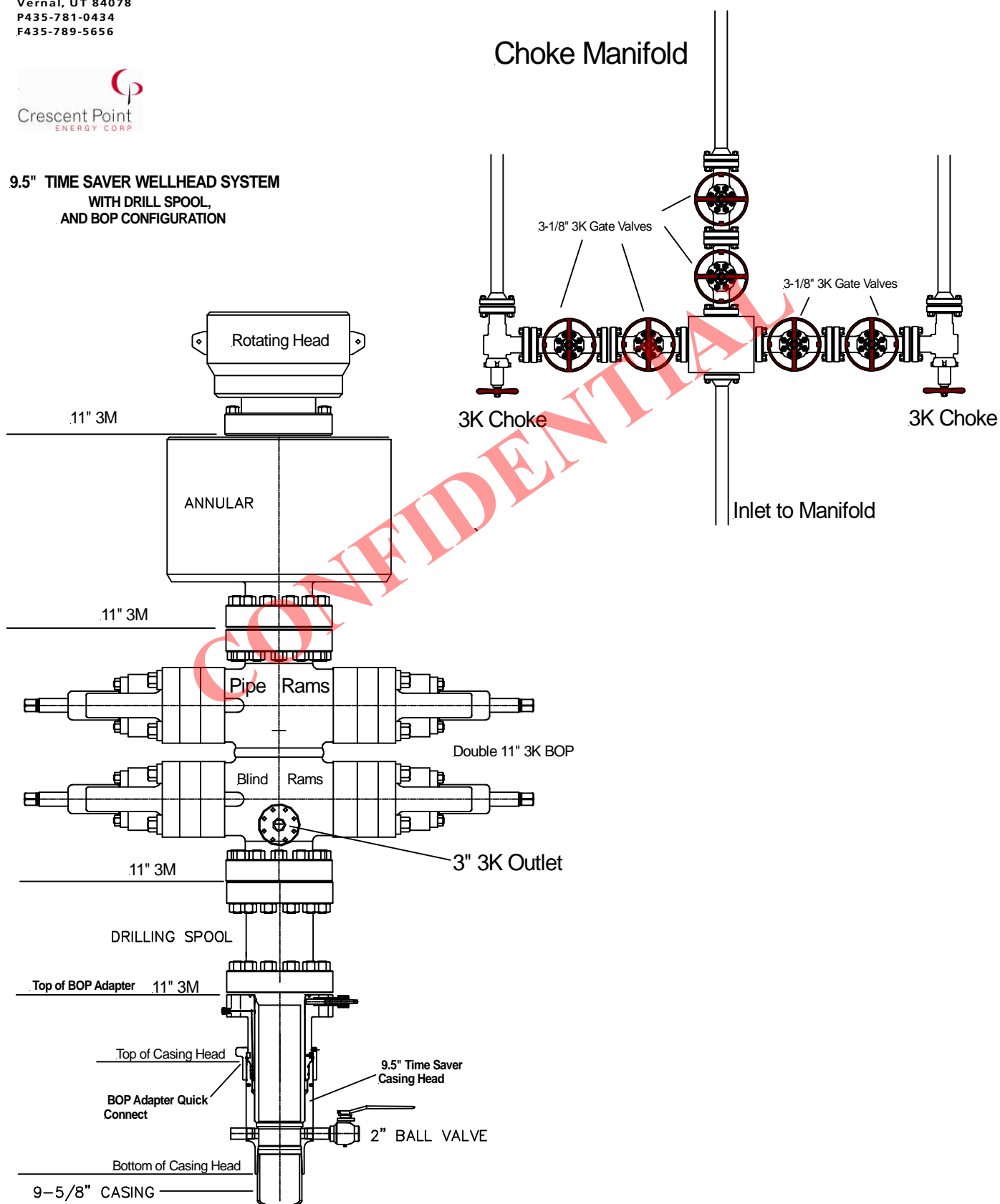


519 E. 300 S.
Vernal, UT 84078
P435-781-0434
F435-789-5656

Oct, 18, 2013



**9.5" TIME SAVER WELLHEAD SYSTEM
WITH DRILL SPOOL,
AND BOP CONFIGURATION**



WELL NAME	SURFACE POSITION			BOTTOM HOLE		
	NAD83			NAD83		
	LATITUDE	LONGITUDE	FOOTAGES	LATITUDE	LONGITUDE	FOOTAGES
KENDALL 15-17-3-1E	40.217423°N	109.899303°W	925' FSL 541' FEL	40.216717°N	109.904454°W	658' FSL 1979' FEL
KENDALL 16-17-3-1E	40.217212°N	109.899469°W	847' FSL 587' FEL			



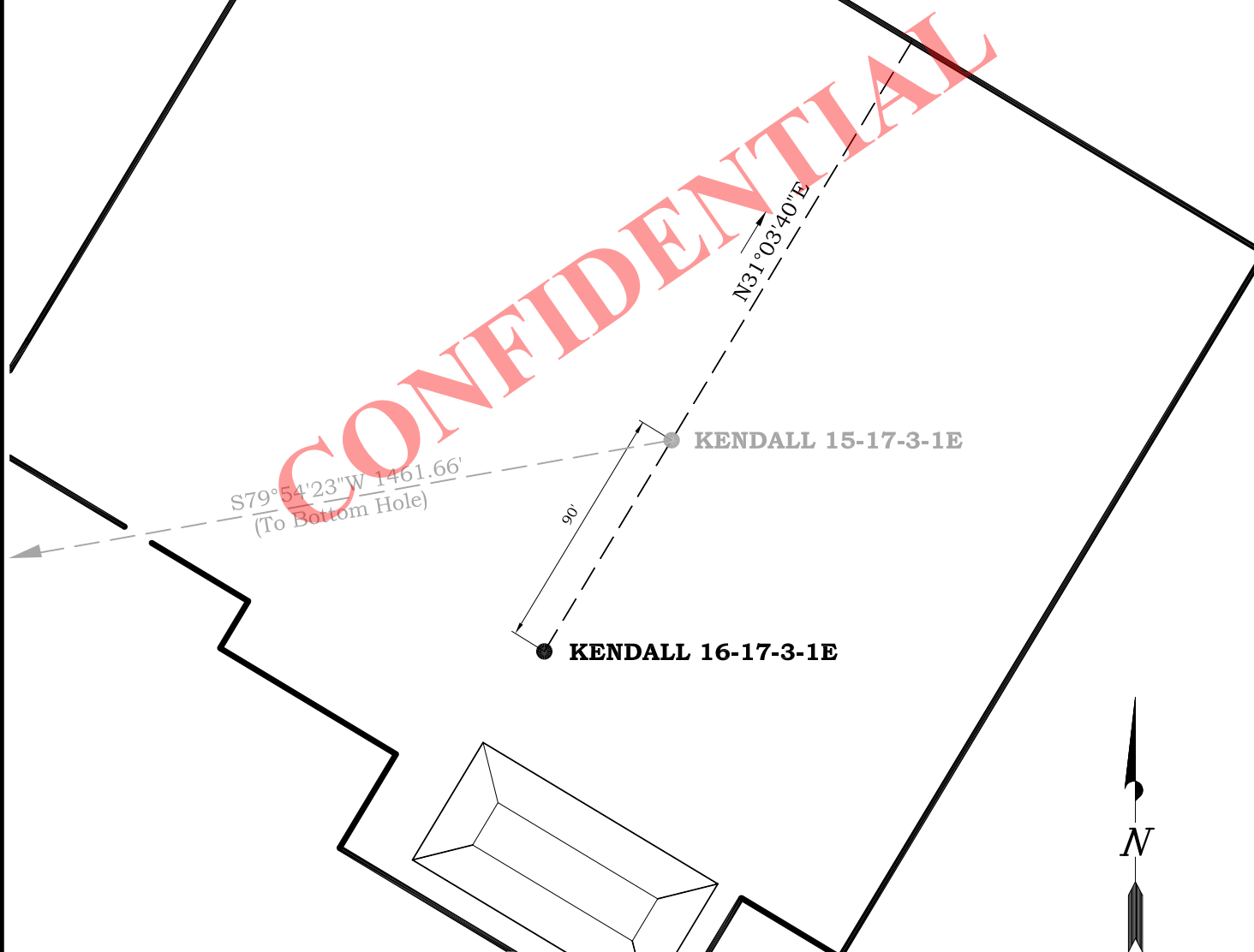
SCALE

RELATIVE COORDINATES - From Surface Position to Bottom Hole

WELL NAME	NORTH	EAST
KENDALL 15-17-3-1E	-256.2'	-1439.0'

Latitude and Longitude are NAD 83 (2011) Epoch 2010. Derived from the Utah Virtual Reference Station Control System (VRS)

BASIS OF BEARINGS IS THE EAST LINE OF THE NE $\frac{1}{4}$ OF SECTION 17, T3S, R1E, U.S.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°14'42"W.



CRESCENT POINT ENERGY

555 17th Street, Suite 1800 - Denver, Colorado 80202

WELL PAD INTERFERENCE PLAT

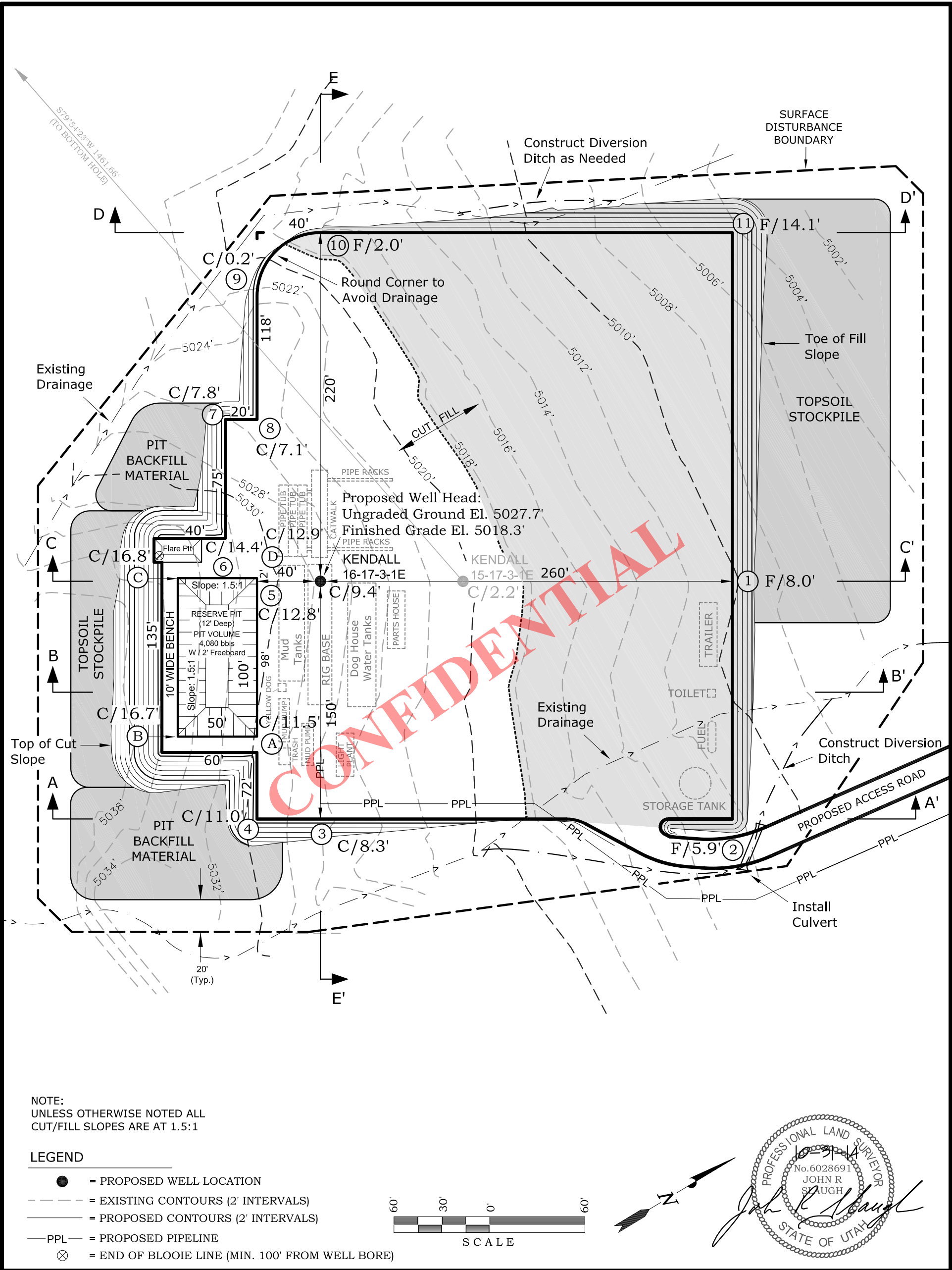
KENDALL 16-17-3-1E
LOCATED IN SECTION 17, T3S, R1E,
U.S.B.&M., UTAH COUNTY, UTAH.

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078

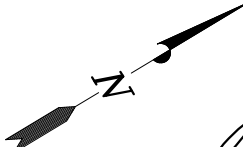
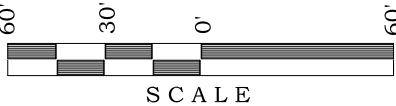
DATE SURVEYED: 10-1-14	SURVEYED BY: A.F.	SHEET NO: 2 OF 14
DATE DRAWN: 10-16-14	DRAWN BY: S.A.	
SCALE: 1" = 60'	Date Last Revised:	



NOTE:
UNLESS OTHERWISE NOTED ALL
CUT/FILL SLOPES ARE AT 1.5:1

LEGEND

- = PROPOSED WELL LOCATION
- - - = EXISTING CONTOURS (2' INTERVALS)
- = PROPOSED CONTOURS (2' INTERVALS)
- PPL— = PROPOSED PIPELINE
- ⊗ = END OF BLOOIE LINE (MIN. 100' FROM WELL BORE)

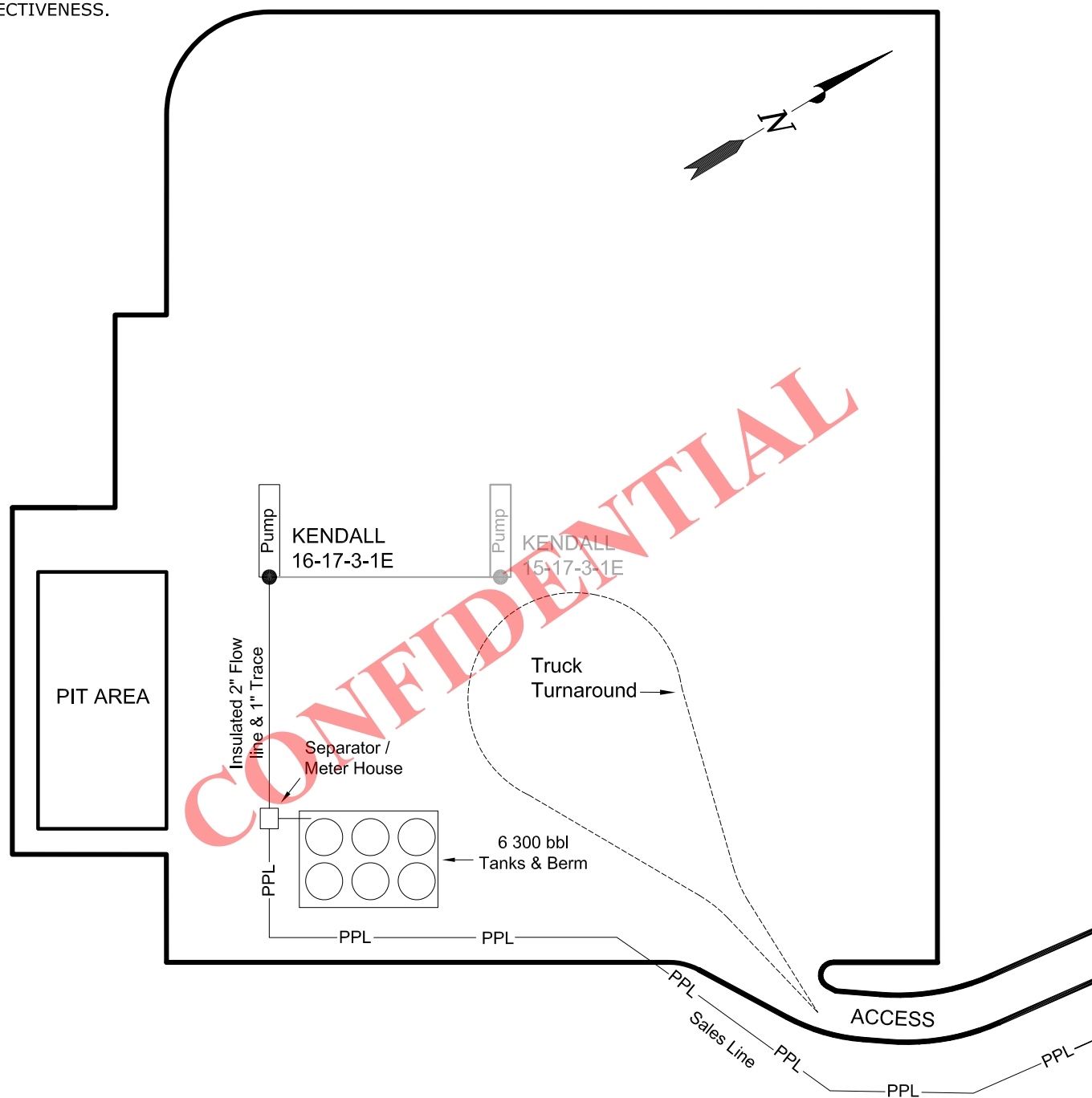


CRESCENT POINT ENERGY 555 17th Street, Suite 1800 - Denver, Colorado 80202	PAD FOOTPRINT AREA = ±2.761 ACRES PAD DISTURBANCE AREA (Cut/Fill Slopes, Stockpiles) = ±4.132 ACRES AREA WITHIN SURFACE DISTURBANCE BOUNDARY = ±5.378 ACRES	REFERENCE POINTS: 310' NORTHEASTERLY, EL = 5006.8' 360' NORTHEASTERLY, EL = 5004.7' 270' NORTHWESTERLY, EL = 5017.7' 320' NORTHWESTERLY, EL = 5020.8'
WELL PAD - LOCATION LAYOUT KENDALL 16-17-3-1E 847' FSL & 587' FEL LOCATED IN SECTION 17, T3S, R1E, U.S.B.&M., UINTAH COUNTY, UTAH.	ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards) 6" Topsoil Stripping = 2,620 Remaining Cut (Including Pit Material) = 16,460 TOTAL CUT = 19,080 FILL = 15,290 Pit Backfill = 1,170, Excess Material = 0	

TIMBERLINE (435) 789-1365
ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 10-1-14	SURVEYED BY: A.F.	SHEET NO: 3 OF 14
DATE DRAWN: 10-16-14	DRAWN BY: S.A.	
SCALE: 1" = 60'	Date Last Revised:	

NOTE:
PRODUCTION EQUIPMENT LOCATION
COULD VARY DUE TO SITE AND OPERATION
EFFECTIVENESS.



LEGEND

- = PROPOSED WELL LOCATION
— PPL — = PROPOSED PIPELINE

CRESCENT POINT ENERGY

555 17th Street, Suite 1800 - Denver, Colorado 80202

WELL PAD - FACILITY DIAGRAM

KENDALL 16-17-3-1E
847' FSL & 587' FEL
LOCATED IN SECTION 17, T3S, R1E,
U.S.B.&M., Uintah County, UTAH.



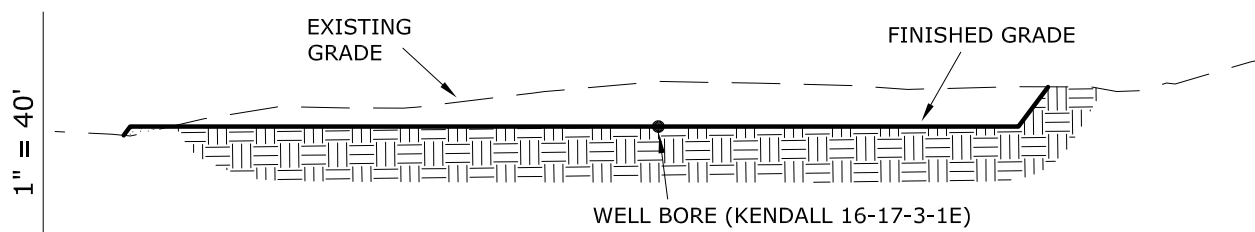
TIMBERLINE

(435) 789-1365

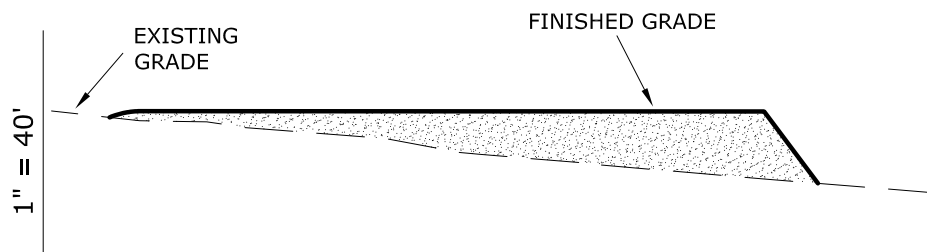
ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 10-1-14	SURVEYED BY: A.F.	SHEET NO: 4 OF 14
DATE DRAWN: 10-16-14	DRAWN BY: S.A.	
SCALE: 1" = 60'	Date Last Revised:	

RECEIVED: December 17, 2014



1" = 80' CROSS SECTION E-E'



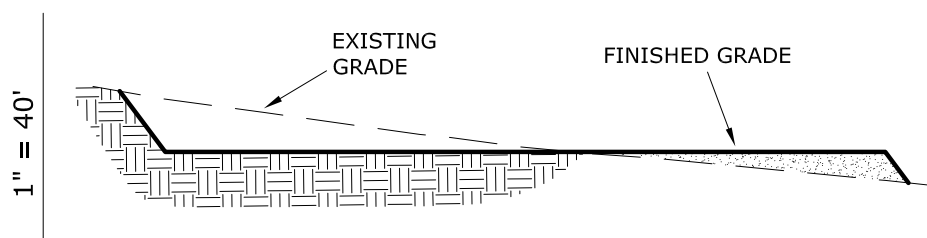
1" = 80' CROSS SECTION D-D'



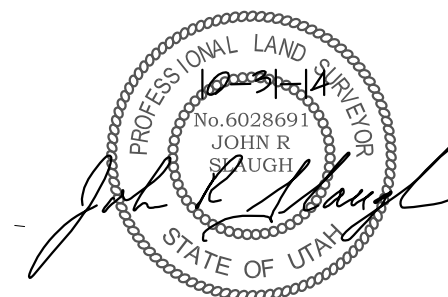
1" = 80' CROSS SECTION C-C'



1" = 80' CROSS SECTION B-B'



1" = 80' CROSS SECTION A-A'

**CRESCENT POINT ENERGY**

555 17th Street, Suite 1800 - Denver, Colorado 80202

WELL PAD - CROSS SECTION

KENDALL 16-17-3-1E
847' FSL & 587' FEL
LOCATED IN SECTION 17, T3S, R1E,
U.S.B.&M., UTAH COUNTY, UTAH.

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078DATE SURVEYED:
10-1-14

SURVEYED BY: A.F.

SHEET NO:

DATE DRAWN:
10-16-14

DRAWN BY: S.A.

SCALE: 1" = 80'

Date Last Revised:

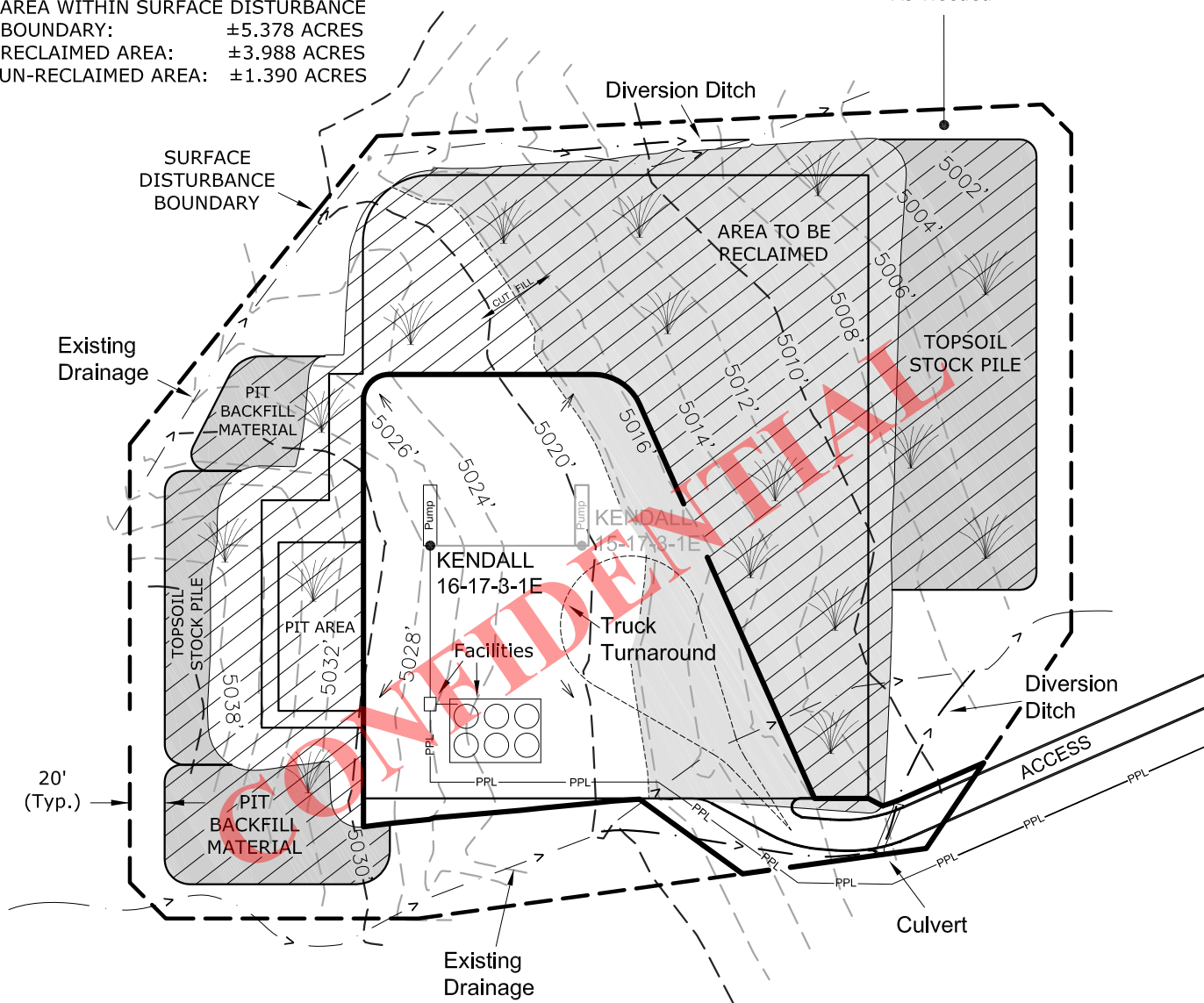
5

OF 14

NOTE:

1. PRODUCTION EQUIPMENT LOCATION
COULD VARY DUE TO SITE AND
OPERATION EFFECTIVENESS.
2. AREA WITHIN SURFACE DISTURBANCE
BOUNDARY: ±5.378 ACRES
RECLAIMED AREA: ±3.988 ACRES
UN-RECLAIMED AREA: ±1.390 ACRES

Re-Vegetate Areas
of Disturbance
As-Needed

**LEGEND**

↘ = Anchor



= Area to be Reclaimed and Vegetated

--- = CONTOURS (2' INTERVALS)

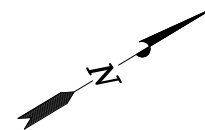
— PPL — = PROPOSED PIPELINE

CRESCENT POINT ENERGY

555 17th Street, Suite 1800 - Denver, Colorado 80202

INTERIM RECLAMATION DIAGRAM

KENDALL 16-17-3-1E
847' FSL & 587' FEL
LOCATED IN SECTION 17, T3S, R1E,
U.S.B.&M., UINTAH COUNTY, UTAH.

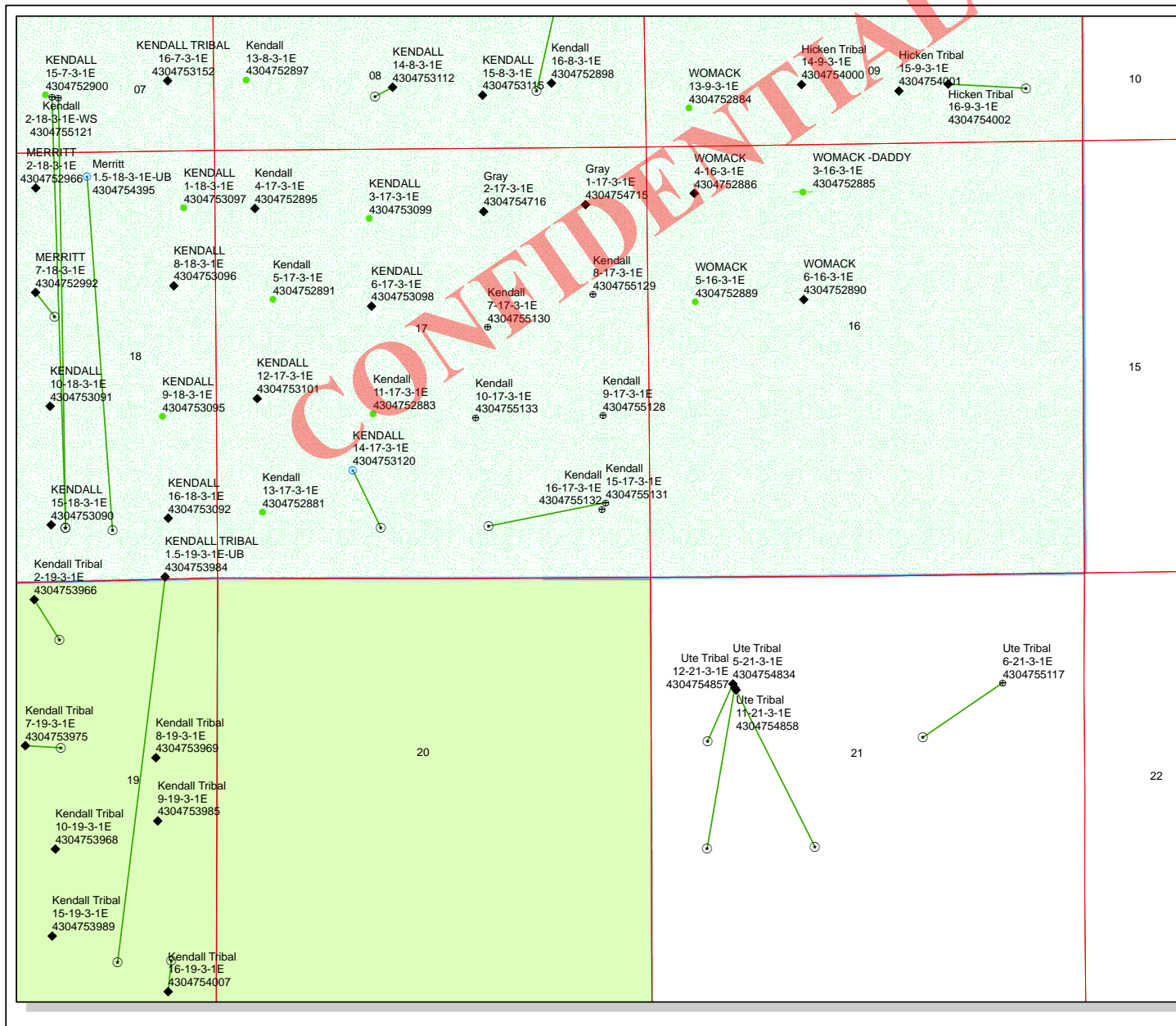
**TIMBERLINE**

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 10-1-14	SURVEYED BY: A.F.	SHEET NO: 6 OF 14
DATE DRAWN: 10-16-14	DRAWN BY: S.A.	
SCALE: 1" = 100'	Date Last Revised:	

RECEIVED: December 17, 2014



API Number: 4304755132

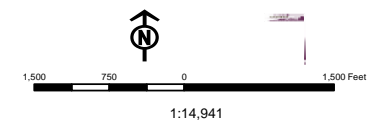
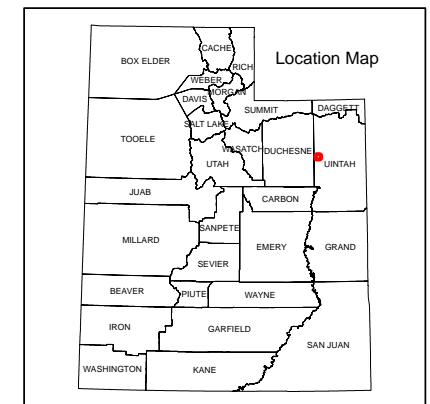
Well Name: Kendall 16-17-3-1E

Township: T03.0S Range: R01.0E Section: 17 Meridian: U

Operator: CRESCENT POINT ENERGY U.S. CORP

Map Prepared: 12/18/2014
Map Produced by Diana Mason

Wells Query		Units	
Status		STATUS	
APD - Approved Permit		ACTIVE	
DRL - Spudded (Drilling Commenced)		EXPLORATORY	
GIW - Gas Injection		GAS STORAGE	
GS - Gas Storage		NF PP OIL	
LOC - New Location		PP SECONDARY	
OPS - Operation Suspended		PI OIL	
PA - Plugged Abandoned		PP GAS	
PGW - Producing Gas Well		PP GEOTHERML	
POW - Producing Oil Well		PP OIL	
SGW - Shut-in Gas Well		SECONDARY	
SOW - Shut-in Oil Well		TERMINATED	
TA - Temp. Abandoned			
TW - Test Well			
WOW - Water Disposal			
WW - Water Injection Well			
WSW - Water Supply Well			



Well Name	CRESCENT POINT ENERGY U.S. CORP Kendall 16-17-3-1E 43047551			
String	Cond	Surf	Prod	
Casing Size(")	16.000	9.625	5.500	
Setting Depth (TVD)	40	2000	9306	
Previous Shoe Setting Depth (TVD)	0	40	2000	
Max Mud Weight (ppg)	8.3	8.3	10.0	
BOPE Proposed (psi)	0	500	3000	
Casing Internal Yield (psi)	0	2950	7740	
Operators Max Anticipated Pressure (psi)	4839		10.0	

Calculations	Cond String	16.000	"
Max BHP (psi)	.052*Setting Depth*MW=	17	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	12	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	8	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	8	NO
Required Casing/BOPE Test Pressure=		0	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Surf String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	863	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	623	NO diverter, air drilling
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	423	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	432	NO OK
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	4839	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3722	NO 3M Ram Double BOP & Annular with Rot. Head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2792	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3232	NO OK
Required Casing/BOPE Test Pressure=		3000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		2000	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

CRESCENT POINT ENERGY U.S. CORP
Kendall 16-17-3-1E
43047551320000

stip variances

8.625 " Casing
2000 ' MD
2000 ' TVD
Surface ' TOC
1500 ' Tail
 17.5 % Washout
 12.25 " Hole

stip cnt

5.5 " Casing
9306 ' MD
9306 ' TVD
Surface ' TOC
4607 ' Tail
 3.9 % Washout
 7.875 " Hole

Formation Depth (MD)
 UINTA 0

BMSW 2100

GRRV 4689

MHGNY 5229

TGR3 6471

DGLSCRK 7348

CSTLPK 7917

UTLNDBTT 8197

WSTCH 8306

No WDW, win

CRESCENT POINT ENERGY U.S. CORP
Kendall 16-17-3-1E
43047551320000

1.125											1											1.8	
MAASP	622	Collapse Strength (psi)	1370	Collapse Load (psi)	862	Collapse DF	1.59	Burst Strength (psi)	2950	Burst Load (psi)	2000	Burst DF	1.48	Tension Strength (kips)	244	Tension DF	5.08	Neutral Point (ft)	1746	Tension Air (kips)	48.0	Tension Buoyed (kips)	42.0
MW (ppg)	8.3	Internal Grad. (psi)	0.12	Backup Mud (ppg)		Internal Mud (ppg)		Max Shoe Pressure (psi)*	3227	CSG Wt (lbs/ft)	24.0	CSG Grade	J-55	CSG Collar	STC	Cement Lead (sx)	435	Lead Yield	2.50	Cement Tail (sx)	315	Tail Yield	1.15
COPIED																							
MAASP	2787	Collapse Strength (psi)	6390	Collapse Load (psi)	4834	Collapse DF	1.32	Burst Strength (psi)	7740	Burst Load (psi)	4834	Burst DF	1.60	Tension Strength (kips)	348	Tension DF	2.59	Neutral Point (ft)	7883	Tension Air (kips)	158.2	Tension Buoyed (kips)	134.2
COPIED																							
MW (ppg)	10.0	Internal Grad. (psi)	0.22	Backup Mud (ppg)		Internal Mud (ppg)		Max Shoe Pressure (psi)*	4834	CSG Wt (lbs/ft)	17.0	CSG Grade	N-80	CSG Collar	LTC	Cement Lead (sx)	270	Lead Yield	3.82	Cement Tail (sx)	570	Tail Yield	1.65

8.625 " Casing

5.5 " Casing

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator CRESCENT POINT ENERGY U.S. CORP
Well Name Kendall 16-17-3-1E
API Number 43047551320000 **APD No** 10897 **Field/Unit** INDEPENDENCE
Location: 1/4,1/4 SESE **Sec** 17 **Tw** 3.0S **Rng** 1.0E 847 **FSL** 587 **FEL**
GPS Coord (UTM) 593644 4452447 **Surface Owner** Mike Kendall

Participants

Whitney Szabo - Starpoint; Chris Noonan , Mark Hecksel - Crescent Point; Trevor Anderson - Timberline; Mike Kendall - surface owner

Regional/Local Setting & Topography

This is a two well pad. The location will host the 15-17 and the 16-17
 This location is planned in the Windy ridge area east of the County line and the historic town of Enterprise on the Womack Daddy road. The pad will be built along the edge of the ridge. The lands slopes > 6% to the north. The bottle hollow reservoir is found 4 miles North and the Duchesne River is found 2 miles South of location. The Ouray school canal and associated laterals are found nearby.
 Regionally the surrounding lands are rather flat with the occassional butte and erosional features. The soils seem to be lean clays and silts that are sparsely vegetated. The area is well developed for petroleum extraction.

Surface Use Plan

Current Surface Use
 Wildlife Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.1	Width 360 Length 400	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

High desert shrubland ecosystem. Expected vegetation consists of sagebrush, globemallow, evening primrose, Atriplex spp., mustard spp, rabbit brush, horsebrush, broom snakeweed, Opuntia spp and spring annuals.

Dominant vegetation;
 greasewood and halogeton weeds

Wildlife;

Adjacent habitat contains forbs that may be suitable browse for deer, antelope, prairie dogs or rabbits, though none were observed. Disturbed soils onsite do not support habitat for wildlife.

Soil Type and Characteristics

silty lean clays with gravels

Erosion Issues Y

n

Sedimentation Issues N**Site Stability Issues N****Drainage Diversion Required? Y****Berm Required? Y****Erosion Sedimentation Control Required? N****Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? N Cultural Resources? N****Reserve Pit****Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0

Affected Populations**Presence Nearby Utility Conduits****Final Score 20 1 Sensitivity Level****Characteristics / Requirements**

A 60' x 100' reserve pit is planned in an area of cut. A pit liner is required. Operator commonly uses a 16 mil liner with a felt underliner. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. A minimum freeboard of two feet shall be maintained at all times. Pit to be closed within one year after drilling activities are complete.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? N**Other Observations / Comments**Chris Jensen
Evaluator1/7/2015
Date / Time

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner CBM
10897	43047551320000	LOCKED	OW	P No
Operator	CRESCENT POINT ENERGY U.S. CORP		Surface Owner-APD	Mike Kendall
Well Name	Kendall 16-17-3-1E		Unit	
Field	INDEPENDENCE		Type of Work	DRILL
Location	SESE 17 3S 1E U 847 FSL 587 FEL GPS Coord (UTM) 593644E 4452445N			

Geologic Statement of Basis

Crescent Point proposes to set 40' of conductor and 2,000' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 2,100'. A search of Division of Water Rights records shows 2 water wells within a 10,000 foot radius of the center of Section 17. Depth is listed for only 1 well at 300 feet. Listed uses are domestic, irrigation and stock watering. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect ground water in this area.

Brad Hill
APD Evaluator

1/21/2015
Date / Time

Surface Statement of Basis

Location is proposed in a good location within the spacing window. Access road enters the pad from the east. The landowner or its representative was in attendance for the pre-site inspection.

The soil type and topography at present combine to pose a threat to erosion or sediment/pollution transport in these regional climate conditions.

Usual construction standards of the Operator appear to be adequate for the proposed purpose as submitted.

I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. The location was not previously surveyed for cultural and paleontological resources (as the operator saw fit). I have advised the operator take all measures necessary to comply with NHPA, ESA and MBTA and that actions insure no improper disturbance to resources that may have not been seen during onsite visit.

The location should be bermed to prevent fluids from entering or leaving the confines of the pad. Fencing around the reserve pit will be necessary to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit. Submitted plans show a diversion for ephemeral streams that should be sufficient and rounding of pad corner.

Chris Jensen
Onsite Evaluator

1/7/2015
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
----------	-----------

Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from entering or leaving the pad.
Surface	Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

CONFIDENTIAL

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/17/2014

API NO. ASSIGNED: 43047551320000

WELL NAME: Kendall 16-17-3-1E

OPERATOR: CRESCENT POINT ENERGY U.S. CORP (N3935)

PHONE NUMBER: 303 308-6270

CONTACT: Kristen Johnson

PROPOSED LOCATION: SESE 17 030S 010E

Permit Tech Review: ☒

SURFACE: 0847 FSL 0587 FEL

Engineering Review: ☒

BOTTOM: 0847 FSL 0587 FEL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.21720

LONGITUDE: -109.89946

UTM SURF EASTINGS: 593644.00

NORTHINGS: 4452445.00

FIELD NAME: INDEPENDENCE

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: STATE/FEE - LPM9080271☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: 43-12534☐ RDCC Review:☒ Fee Surface Agreement☐ Intent to Commingle

Commingle Approved

LOCATION AND SITING:

☐ R649-2-3.

Unit:

☐ R649-3-2. General☐ R649-3-3. Exception☒ Drilling Unit

Board Cause No: R649-3-2

Effective Date:

Siting:

☐ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
12 - Cement Volume (3) - daynedoucet
23 - Spacing - dmason
27 - Other - daynedoucet

RECEIVED: March 17, 2015



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Kendall 16-17-3-1E
API Well Number: 43047551320000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 3/17/2015

Issued to:

CRESCENT POINT ENERGY U.S. CORP, 555 17th Street, Suite 750, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 5-1/2" production string shall be determined from actual hole diameter in order to place tail cement from the pipe setting depth back to 4600' MD (above Green River) as indicated in the submitted drilling plan.

Health and safety requirements for drilling operations are covered under Utah rule R614-2. R614-2-20 covers safety procedures for air and gas drilling. Any variances to these rules (including requirements for bleed lines and air compressors) must be granted by the Utah Labor Commission (see R614-2-1.E). The request for a variance to not use a rotating head is denied.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
 - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation

- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750, Denver, CO, 80202		8. WELL NAME and NUMBER: Kendall 16-17-3-1E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 0541 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 17 Township: 03.0S Range: 01.0E Meridian: U		9. API NUMBER: 43047551320000
PHONE NUMBER: 720 880-3621 Ext		9. FIELD and POOL or WILDCAT: INDEPENDENCE
COUNTY: UINTAH		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/11/2015	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>

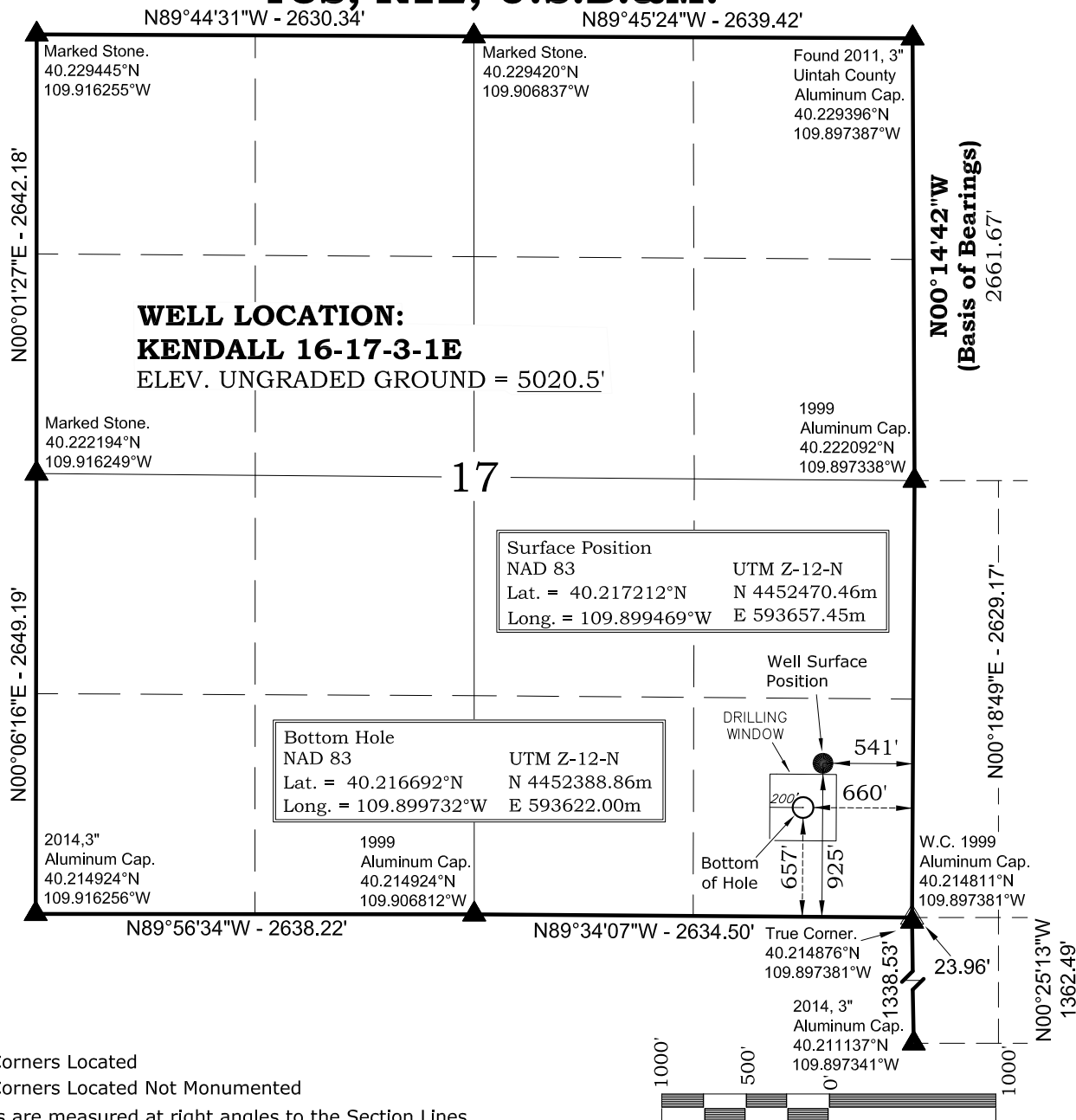
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Crescent Point Energy US Corp requests to move the **surface hole** for the Kendall 16-17-3-1E from 847 FSL and 587 FEL to **925 FSL and 541 FEL**, the **bottom hole** will be located at **657 FSL and 660 FEL**. The new SHL will remain on the previously permitted pad; no changes will be made to the pad itself. Please see revised plat and drill plan. As a result of the move, the SHL is now outside the legal drilling window and the **well will be drilled directionally**. A directional plan and exception location letter are also attached.

Approved by the
April 14, 2015
Oil, Gas and Mining

Date: _____
By: Derek Duff

NAME (PLEASE PRINT) Kristen Johnson	PHONE NUMBER 303 308-6270	TITLE Regulatory Technician
SIGNATURE N/A	DATE 4/9/2015	

T3S, R1E, U.S.B.&M.**NOTES:**

▲ = Section Corners Located

△ = Section Corners Located Not Monumented

1. Well footages are measured at right angles to the Section Lines.
2. Bearings and distances shown on this plat are based upon a local Cartesian Grid which is oriented to Geodetic North at the SE Corner of Section 36, T3S, R1E, U.S.B.&M. the grid having a mean project height of 5,000'. Lineal units used are U.S. Survey Foot. Trimble G.P.S. equipment was used in performance of this survey.
3. Latitude and Longitude are NAD 83 (2011) Epoch 2010. Elevations are NAVD 88. Both derived from the Utah Virtual Reference Station Control System (VRS).
4. The Bottom of hole bears S24°14'37"W 292.02' from the Surface Position.

CRESCENT POINT ENERGY

555 17th Street, Suite 1800 - Denver, Colorado 80202

WELL PLAT**KENDALL 16-17-3-1E****657' FSL, 660' FEL (Bottom Hole)****SE ¼ SE ¼ OF SECTION 17, T3S, R1E,
U.S.B.&M., UTAH COUNTY, UTAH.****TIMBERLINE**

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 10-1-14	SURVEYED BY: A.F.	SHEET NO:
DATE DRAWN: 10-16-14	DRAWN BY: S.A.	1
SCALE: 1" = 1000'	Date Last Revised: 4-7-15 S.A.	OF 14

WELL NAME	SURFACE POSITION			BOTTOM HOLE		
	NAD83			NAD83		
	LATITUDE	LONGITUDE	FOOTAGES	LATITUDE	LONGITUDE	FOOTAGES
KENDALL 16-17-3-1E	40.217212°N	109.899469°W	925' FSL 541' FEL	40.216692°N	109.899732°W	657' FSL 660' FEL
KENDALL 15-17-3-1E	40.217423°N	109.899303°W	847' FSL 587' FEL	40.216717°N	109.904454°W	658' FSL 1979' FEL



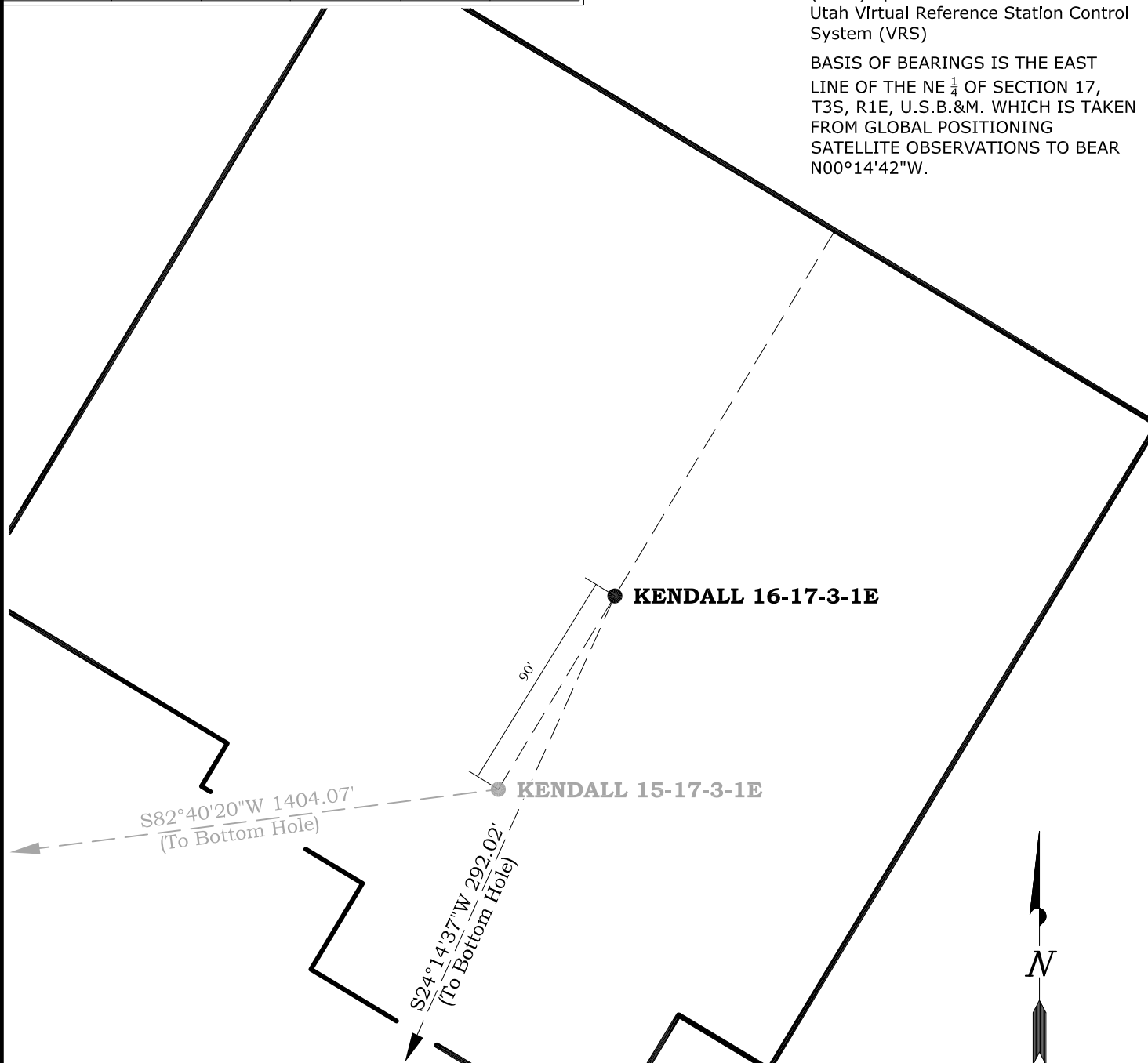
SCALE

RELATIVE COORDINATES - From Surface Position to Bottom Hole

WELL NAME	NORTH	EAST	WELL NAME	NORTH	EAST
KENDALL 16-17-3-1E	-266.3'	-119.9'	KENDALL 15-17-3-1E	-179.1'	-1392.6'

Latitude and Longitude are NAD 83 (2011) Epoch 2010. Derived from the Utah Virtual Reference Station Control System (VRS)

BASIS OF BEARINGS IS THE EAST LINE OF THE NE $\frac{1}{4}$ OF SECTION 17, T3S, R1E, U.S.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°14'42"W.

**CRESCENT POINT ENERGY**

555 17th Street, Suite 1800 - Denver, Colorado 80202

WELL PAD INTERFERENCE PLAT

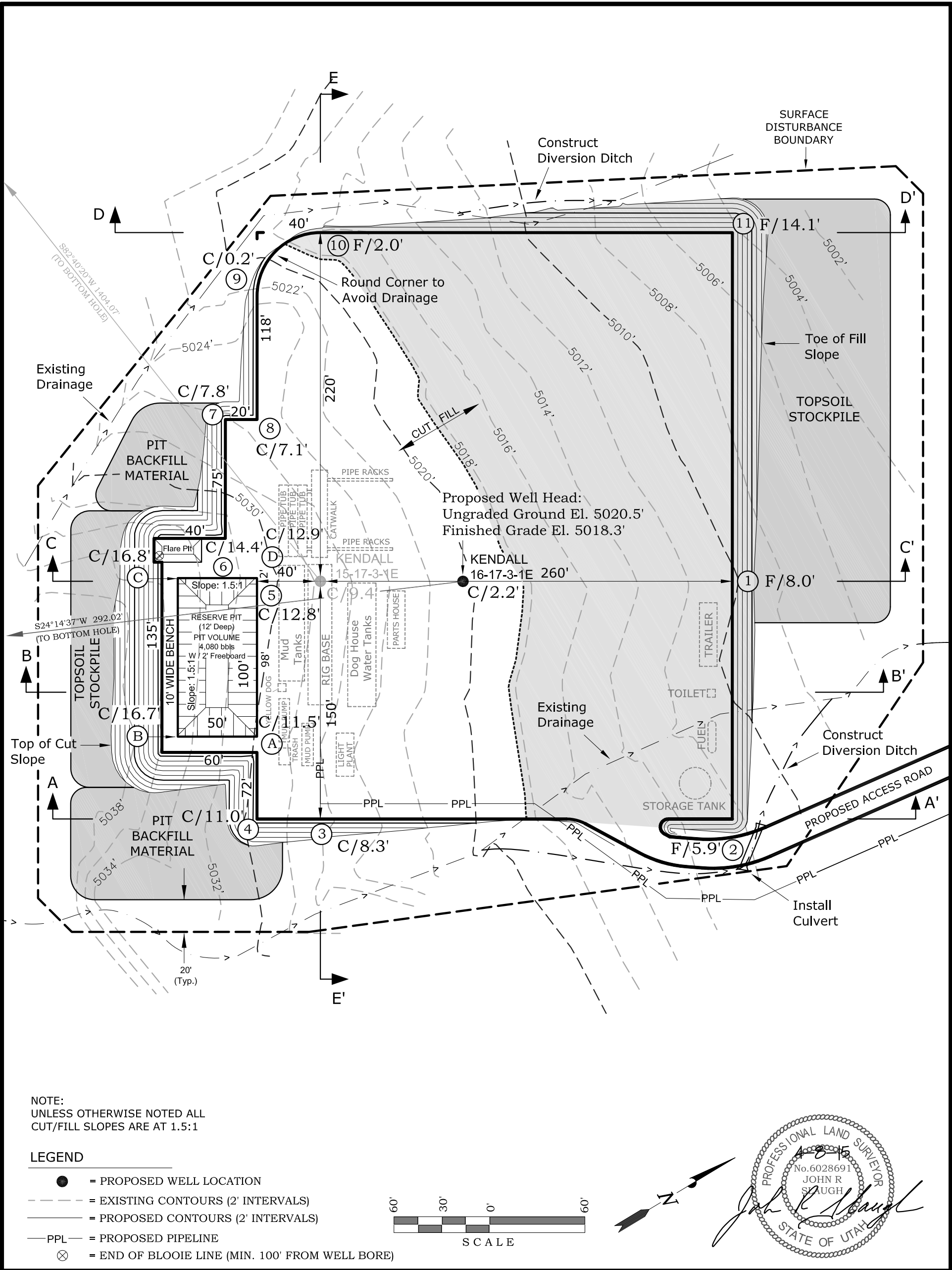
KENDALL 16-17-3-1E
LOCATED IN SECTION 17, T3S, R1E,
U.S.B.&M., UTAH COUNTY, UTAH.

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078

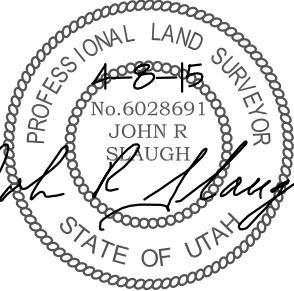
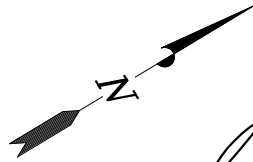
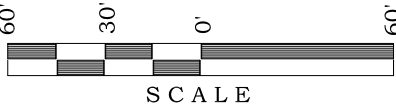
DATE SURVEYED: 10-1-14	SURVEYED BY: A.F.	SHEET NO: 2 OF 14
DATE DRAWN: 10-16-14	DRAWN BY: S.A.	
SCALE: 1" = 60'	Date Last Revised: 4-7-15 S.A.	



NOTE:
UNLESS OTHERWISE NOTED ALL
CUT/FILL SLOPES ARE AT 1.5:1

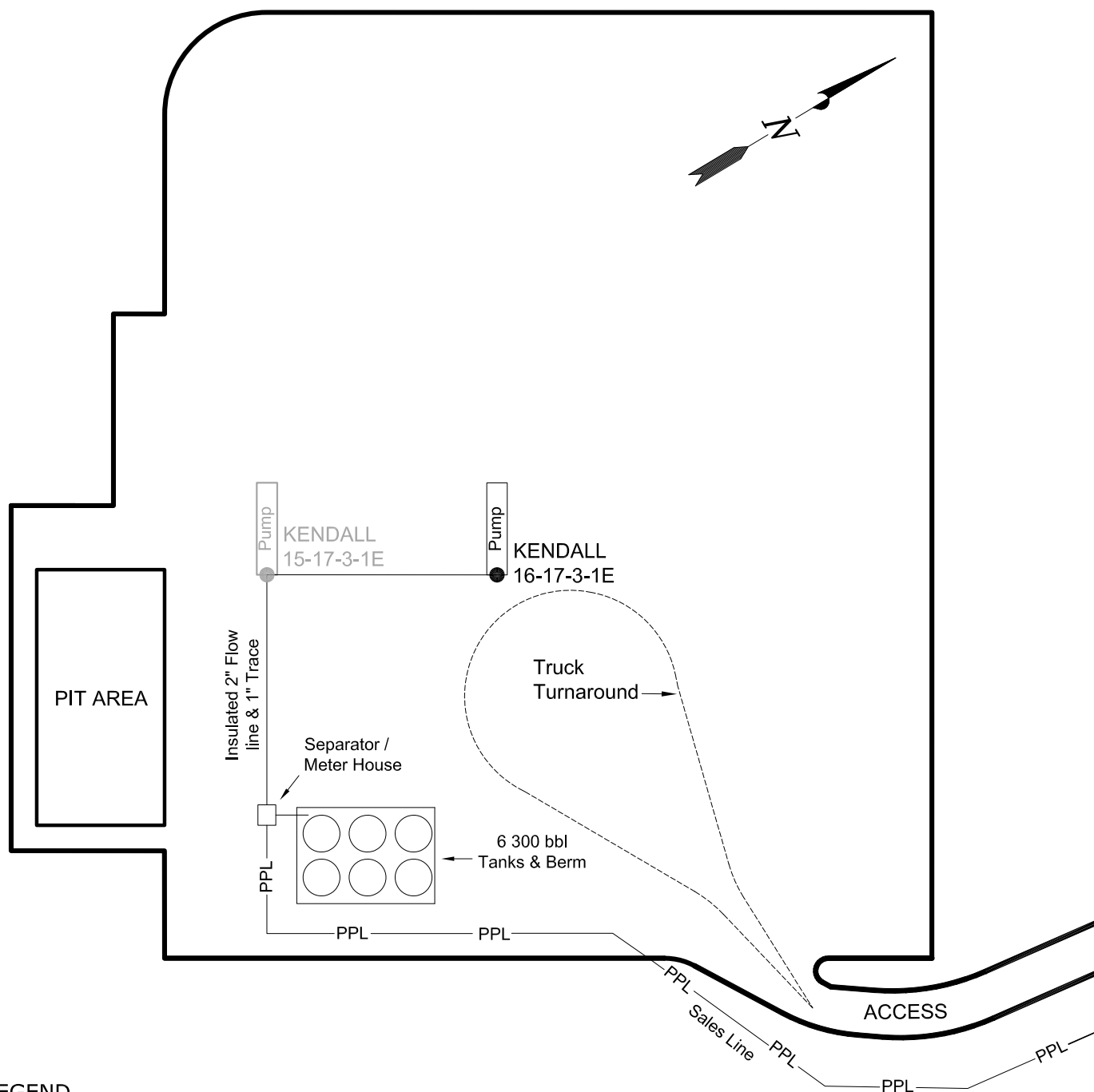
LEGEND

- = PROPOSED WELL LOCATION
- - - = EXISTING CONTOURS (2' INTERVALS)
- = PROPOSED CONTOURS (2' INTERVALS)
- PPL— = PROPOSED PIPELINE
- ⊗ = END OF BLOOIE LINE (MIN. 100' FROM WELL BORE)



CRESCENT POINT ENERGY 555 17th Street, Suite 1800 - Denver, Colorado 80202	PAD FOOTPRINT AREA = ±2.761 ACRES PAD DISTURBANCE AREA (Cut/Fill Slopes, Stockpiles) = ±4.132 ACRES AREA WITHIN SURFACE DISTURBANCE BOUNDARY = ±5.378 ACRES	REFERENCE POINTS: 310' NORTHEASTERLY, EL = 5006.8' 360' NORTHEASTERLY, EL = 5004.7' 270' NORTHWESTERLY, EL = 5017.7' 320' NORTHWESTERLY, EL = 5020.8'							
WELL PAD - LOCATION LAYOUT	ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards) 6" Topsoil Stripping = 2,620 Remaining Cut (Including Pit Material) = 16,460 TOTAL CUT = 19,080 FILL = 15,290 Pit Backfill = 1,170, Excess Material = 0								
KENDALL 16-17-3-1E 925' FSL & 541' FEL LOCATED IN SECTION 17, T3S, R1E, U.S.B.&M., UINTAH COUNTY, UTAH.		TIMBERLINE (435) 789-1365 ENGINEERING & LAND SURVEYING, INC. 209 NORTH 300 WEST - VERNAL, UTAH 84078 <table><tr><td>DATE SURVEYED: 10-1-14</td><td>SURVEYED BY: A.F.</td><td rowspan="3">SHEET NO: 3 OF 14</td></tr><tr><td>DATE DRAWN: 10-16-14</td><td>DRAWN BY: S.A.</td></tr><tr><td>SCALE: 1" = 60'</td><td>Date Last Revised: 4-7-15 S.A.</td></tr></table>	DATE SURVEYED: 10-1-14	SURVEYED BY: A.F.	SHEET NO: 3 OF 14	DATE DRAWN: 10-16-14	DRAWN BY: S.A.	SCALE: 1" = 60'	Date Last Revised: 4-7-15 S.A.
DATE SURVEYED: 10-1-14	SURVEYED BY: A.F.	SHEET NO: 3 OF 14							
DATE DRAWN: 10-16-14	DRAWN BY: S.A.								
SCALE: 1" = 60'	Date Last Revised: 4-7-15 S.A.								

NOTE:
 PRODUCTION EQUIPMENT LOCATION
 COULD VARY DUE TO SITE AND OPERATION
 EFFECTIVENESS.



LEGEND

- = PROPOSED WELL LOCATION
 — PPL — = PROPOSED PIPELINE

CRESCENT POINT ENERGY

555 17th Street, Suite 1800 - Denver, Colorado 80202

WELL PAD - FACILITY DIAGRAM

KENDALL 16-17-3-1E
925' FSL & 541' FEL
LOCATED IN SECTION 17, T3S, R1E,
U.S.B.&M., UTAH COUNTY, UTAH.



TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 10-1-14	SURVEYED BY: A.F.	SHEET NO: 4 OF 14
DATE DRAWN: 10-16-14	DRAWN BY: S.A.	
SCALE: 1" = 60'	Date Last Revised: 4-7-15 S.A.	



555 17th Street, Suite 1800
Denver, CO 80202
Phone: (720) 880-3610

April 9, 2015

State of Utah Division of Oil, Gas and Mining
Attention: Brad Hill
1594 West North Temple
Salt Lake City, UT 84116

**RE: Directional Drilling (R649-3-11) & Exception Location Request (R649-3-3)
Kendall 16-17-3-1E**

*Surface Location: SESE of Section 17
925' FSL & 541' FEL*

*Target Location: SESE of Section 17
657' FSL & 660' FEL*

*T3S-R1E, USM
Uintah County, Utah*

Dear Mr. Hill:

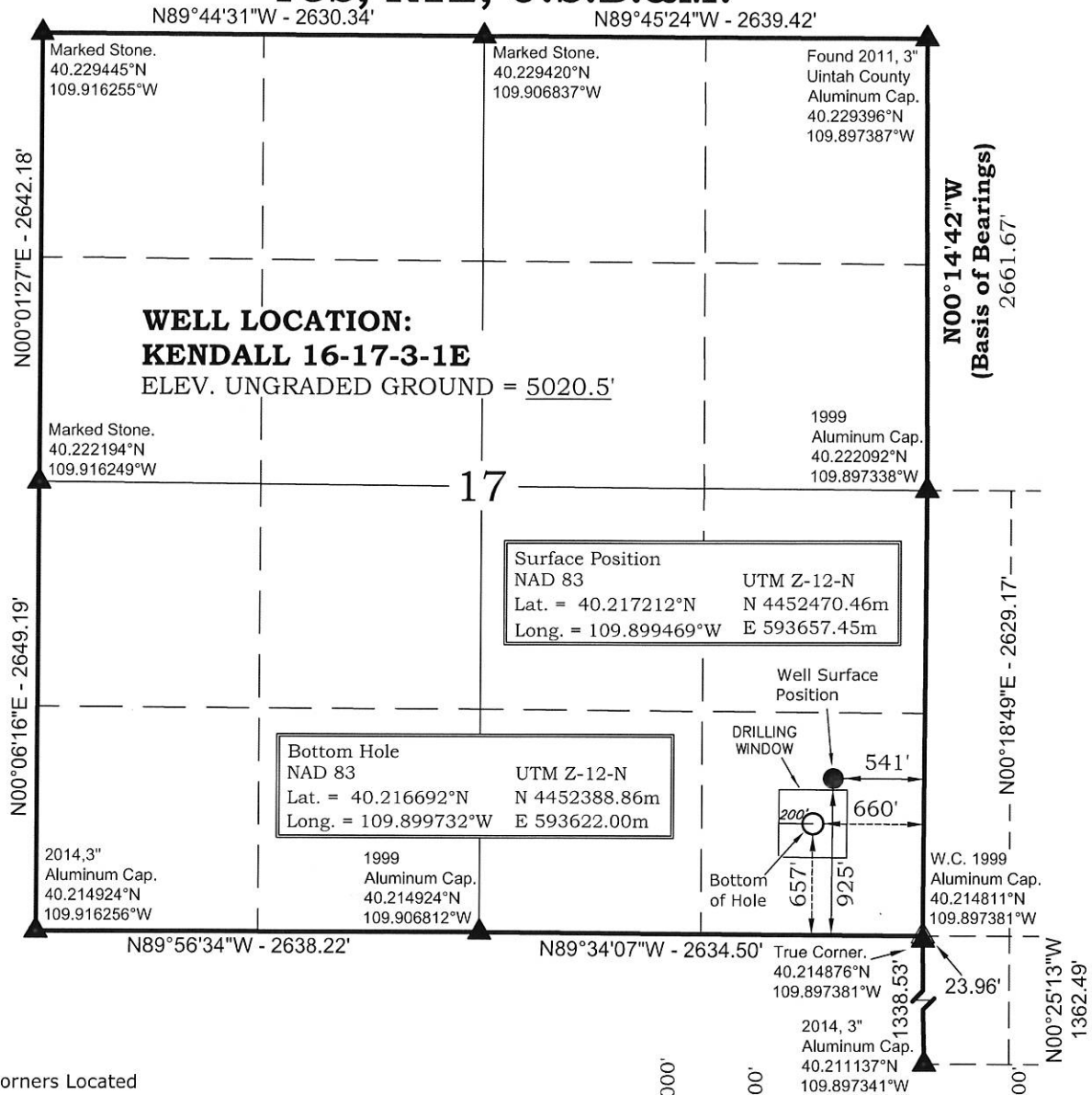
Pursuant to the filing of Crescent Point Energy U.S. Corp's (Crescent Point) Application for Permit to Drill regarding the above referenced well, and in accordance with Oil & Gas Conservation Rules R649-3-11 and R649-3-3, we are hereby submitting this letter as notice of our intention to directionally drill the captioned well and request that DOGM administratively grant an exception location for the Kendall 16-17-3-1E.

- Crescent Point is permitting the Kendall 16-17-3-1E as a directional well. The surface location was moved outside the legal window from the center of the quarter/quarter due to difficult topography.
- Crescent Point has notified and obtained consent from all other working interest owners within a 460' radius along all points of the intended wellbore.

Therefore, based on the above stated information, Crescent Point requests the permit be granted pursuant to R649-3-11 and R649-3-3. If you have any questions or require further information, please don't hesitate to contact the undersigned at 720-880-3625 or by email at nbailey@crescentpointenergy.com. Your consideration of this matter is greatly appreciated.

Sincerely,
Crescent Point Energy U.S. Corp


Nicole Bailey
Landman

T3S, R1E, U.S.B.&M.**NOTES:**

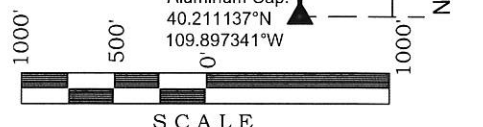
▲ = Section Corners Located

△ = Section Corners Located Not Monumented

- Well footages are measured at right angles to the Section Lines.
- Bearings and distances shown on this plat are based upon a local Cartesian Grid which is oriented to Geodetic North at the SE Corner of Section 36, T3S, R1E, U.S.B.&M. the grid having a mean project height of 5,000'. Lineal units used are U.S. Survey Foot. Trimble G.P.S. equipment was used in performance of this survey.
- Latitude and Longitude are NAD 83 (2011) Epoch 2010. Elevations are NAVD 88. Both derived from the Utah Virtual Reference Station Control System (VRS).
- The Bottom of hole bears S24°14'37"W 292.02' from the Surface Position.

CRESCENT POINT ENERGY

555 17th Street, Suite 1800 - Denver, Colorado 80202

WELL PLAT**KENDALL 16-17-3-1E****657' FSL, 660' FEL (Bottom Hole)****SE ¼ SE ¼ OF SECTION 17, T3S, R1E,
U.S.B.&M., UTAH COUNTY, UTAH.****SURVEYOR'S CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PROFESSIONAL LAND SURVEYOR
LICENCE No. 6028691
STATE OF UTAH

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 10-1-14	SURVEYED BY: A.F.	SHEET NO: 1
DATE DRAWN: 10-16-14	DRAWN BY: S.A.	OF 14
SCALE: 1" = 1000'	Date Last Revised: 4-7-15 S.A.	



March 25, 2015

International Petroleum, LLC
4834 S Highland Drive
Creekside Place, Suite 200
Salt Lake City, UT 84117

RE: Exception Location Request
Kendall 16-17-3-1E
Township 3 South, Range 1 East, USM
Section 17: S2SE
Uintah County, Utah

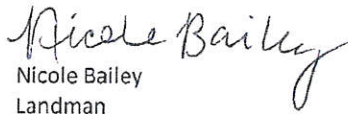
Dear Mr. Wixom:

The surface location of Crescent Point Energy U.S. Corp's ("Crescent Point") captioned well falls outside the legal drilling window as required by the State of Utah's default well siting rule R649-3-2. In accordance with R649-3-11, Crescent Point intends to drill the well directionally from a surface location of 925' FSL & 541' FEL to a legal bottom hole location. The well will only be perforated and produced from the portion of the wellbore that falls within the legal 400' square window located in the SWSE of Section 17, T3S-R1E. A copy of the survey plat is attached hereto for your reference.

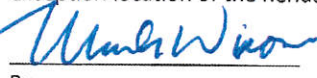
International Petroleum, LLC owns an interest in the wellbore.

Due to these circumstances, Crescent Point respectfully requests your consent to the above described exception location. If you are in agreement, please verify your consent by signing and dating in the space provided on the second page and return to my attention at nbailey@crescentpointenergy.com. You may also reach me with any questions at (720) 880-3625. Your timely consideration is greatly appreciated.

Sincerely,


Nicole Bailey
Landman

Please be advised that International Petroleum, LLC does not have an objection to the directional drilling or exception location of the Kendall 16-17-3-1E.


By Mark D. Wixom, Member Manager

Name & Title

4-9-2015

Date



Crescent Point Energy

Unitah County

Section 17 T3S, R1E

Kendall 16-17-3-1E

Wellbore #1

Plan: Design #1

Standard Planning Report

25 March, 2015





Payzone Directional Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Kendall 16-17-3-1E
Company:	Crescent Point Energy	TVD Reference:	Kendall 16-17-3-1E @ 5030.3usft (PLAN KB)
Project:	Unitah County	MD Reference:	Kendall 16-17-3-1E @ 5030.3usft (PLAN KB)
Site:	Section 17 T3S, R1E	North Reference:	True
Well:	Kendall 16-17-3-1E	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	Unitah County		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Section 17 T3S, R1E			
Site Position:		Northing:	7,251,921.91 usft	Latitude: 40° 13' 2.723 N
From:	Lat/Long	Easting:	2,087,388.03 usft	Longitude: 109° 53' 57.491 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence: 1.03 °

Well	Kendall 16-17-3-1E, SHL: 40° 13' 2.723 -109° 53' 57.491			
Well Position	+N/-S	0.0 usft	Northing:	7,251,921.90 usft
	+E/-W	0.0 usft	Easting:	2,087,388.03 usft
Position Uncertainty	0.0 usft		Wellhead Elevation:	5,030.3 usft
			Ground Level:	5,018.3 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/25/2015	10.79	65.87	52,017

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	204.18

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,261.5	15.23	204.18	5,252.6	-91.8	-41.2	2.00	2.00	0.00	204.18	
5,601.3	15.23	204.18	5,580.4	-173.2	-77.8	0.00	0.00	0.00	0.00	
6,362.8	0.00	0.00	6,333.0	-265.0	-119.0	2.00	-2.00	0.00	180.00	Kendall 16-17-3-1E T
9,341.8	0.00	0.00	9,312.0	-265.0	-119.0	0.00	0.00	0.00	0.00	



Payzone Directional Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Kendall 16-17-3-1E
Company:	Crescent Point Energy	TVD Reference:	Kendall 16-17-3-1E @ 5030.3usft (PLAN KB)
Project:	Unitah County	MD Reference:	Kendall 16-17-3-1E @ 5030.3usft (PLAN KB)
Site:	Section 17 T3S, R1E	North Reference:	True
Well:	Kendall 16-17-3-1E	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
0.1	0.00	0.00	0.1	0.0	0.0	0.0	0.00	0.00	0.00
SHL: 925 ft FSL, 541 ft FEL									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,246.0	0.00	0.00	2,246.0	0.0	0.0	0.0	0.00	0.00	0.00
BMSGW									
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 2.00									
4,600.0	2.00	204.18	4,600.0	-1.6	-0.7	1.7	2.00	2.00	0.00
4,685.1	3.70	204.18	4,685.0	-5.5	-2.4	6.0	2.00	2.00	0.00
Upper Green River									



Payzone Directional Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Kendall 16-17-3-1E
Company:	Crescent Point Energy	TVD Reference:	Kendall 16-17-3-1E @ 5030.3usft (PLAN KB)
Project:	Unitah County	MD Reference:	Kendall 16-17-3-1E @ 5030.3usft (PLAN KB)
Site:	Section 17 T3S, R1E	North Reference:	True
Well:	Kendall 16-17-3-1E	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,700.0	4.00	204.18	4,699.8	-6.4	-2.9	7.0	2.00	2.00	0.00
4,800.0	6.00	204.18	4,799.5	-14.3	-6.4	15.7	2.00	2.00	0.00
4,900.0	8.00	204.18	4,898.7	-25.4	-11.4	27.9	2.00	2.00	0.00
5,000.0	10.00	204.18	4,997.5	-39.7	-17.8	43.5	2.00	2.00	0.00
5,100.0	12.00	204.18	5,095.6	-57.1	-25.6	62.6	2.00	2.00	0.00
5,200.0	14.00	204.18	5,193.1	-77.6	-34.9	85.1	2.00	2.00	0.00
5,241.2	14.82	204.18	5,233.0	-87.0	-39.1	95.4	2.00	2.00	0.00
Mahogany									
5,261.5	15.23	204.18	5,252.6	-91.8	-41.2	100.6	2.00	2.00	0.00
Start 339.8 hold at 5261.5 MD									
5,300.0	15.23	204.18	5,289.7	-101.0	-45.4	110.7	0.00	0.00	0.00
5,400.0	15.23	204.18	5,386.2	-125.0	-56.1	137.0	0.00	0.00	0.00
5,500.0	15.23	204.18	5,482.7	-148.9	-66.9	163.3	0.00	0.00	0.00
5,601.3	15.23	204.18	5,580.4	-173.2	-77.8	189.9	0.00	0.00	0.00
Start Drop -2.00									
5,700.0	13.26	204.18	5,676.1	-195.4	-87.7	214.2	2.00	-2.00	0.00
5,800.0	11.26	204.18	5,773.8	-214.7	-96.4	235.4	2.00	-2.00	0.00
5,900.0	9.26	204.18	5,872.2	-231.0	-103.7	253.2	2.00	-2.00	0.00
6,000.0	7.26	204.18	5,971.2	-244.1	-109.6	267.5	2.00	-2.00	0.00
6,100.0	5.26	204.18	6,070.6	-254.0	-114.1	278.4	2.00	-2.00	0.00
6,200.0	3.26	204.18	6,170.3	-260.8	-117.1	285.9	2.00	-2.00	0.00
6,300.0	1.26	204.18	6,270.2	-264.4	-118.7	289.8	2.00	-2.00	0.00
6,362.8	0.00	0.00	6,333.0	-265.0	-119.0	290.5	2.00	-2.00	0.00
Start 2979.0 hold at 6362.8 MD - Garder Gulch (TGR3)									
6,400.0	0.00	0.00	6,370.2	-265.0	-119.0	290.5	0.00	0.00	0.00
6,500.0	0.00	0.00	6,470.2	-265.0	-119.0	290.5	0.00	0.00	0.00
6,600.0	0.00	0.00	6,570.2	-265.0	-119.0	290.5	0.00	0.00	0.00
6,700.0	0.00	0.00	6,670.2	-265.0	-119.0	290.5	0.00	0.00	0.00
6,800.0	0.00	0.00	6,770.2	-265.0	-119.0	290.5	0.00	0.00	0.00
6,900.0	0.00	0.00	6,870.2	-265.0	-119.0	290.5	0.00	0.00	0.00
7,000.0	0.00	0.00	6,970.2	-265.0	-119.0	290.5	0.00	0.00	0.00
7,100.0	0.00	0.00	7,070.2	-265.0	-119.0	290.5	0.00	0.00	0.00
7,200.0	0.00	0.00	7,170.2	-265.0	-119.0	290.5	0.00	0.00	0.00
7,300.0	0.00	0.00	7,270.2	-265.0	-119.0	290.5	0.00	0.00	0.00
7,380.8	0.00	0.00	7,351.0	-265.0	-119.0	290.5	0.00	0.00	0.00
Douglas Creek									
7,400.0	0.00	0.00	7,370.2	-265.0	-119.0	290.5	0.00	0.00	0.00
7,500.0	0.00	0.00	7,470.2	-265.0	-119.0	290.5	0.00	0.00	0.00
7,600.0	0.00	0.00	7,570.2	-265.0	-119.0	290.5	0.00	0.00	0.00
7,700.0	0.00	0.00	7,670.2	-265.0	-119.0	290.5	0.00	0.00	0.00
7,800.0	0.00	0.00	7,770.2	-265.0	-119.0	290.5	0.00	0.00	0.00
7,809.8	0.00	0.00	7,780.0	-265.0	-119.0	290.5	0.00	0.00	0.00
Black Shale									
7,900.0	0.00	0.00	7,870.2	-265.0	-119.0	290.5	0.00	0.00	0.00
7,940.8	0.00	0.00	7,911.0	-265.0	-119.0	290.5	0.00	0.00	0.00
Castle Peak									
8,000.0	0.00	0.00	7,970.2	-265.0	-119.0	290.5	0.00	0.00	0.00
8,100.0	0.00	0.00	8,070.2	-265.0	-119.0	290.5	0.00	0.00	0.00
8,200.0	0.00	0.00	8,170.2	-265.0	-119.0	290.5	0.00	0.00	0.00
8,223.8	0.00	0.00	8,194.0	-265.0	-119.0	290.5	0.00	0.00	0.00
Uteland									
8,300.0	0.00	0.00	8,270.2	-265.0	-119.0	290.5	0.00	0.00	0.00
8,341.8	0.00	0.00	8,312.0	-265.0	-119.0	290.5	0.00	0.00	0.00



Payzone Directional Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Kendall 16-17-3-1E
Company:	Crescent Point Energy	TVD Reference:	Kendall 16-17-3-1E @ 5030.3usft (PLAN KB)
Project:	Unitah County	MD Reference:	Kendall 16-17-3-1E @ 5030.3usft (PLAN KB)
Site:	Section 17 T3S, R1E	North Reference:	True
Well:	Kendall 16-17-3-1E	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Wasatch									
8,400.0	0.00	0.00	8,370.2	-265.0	-119.0	290.5	0.00	0.00	0.00
8,500.0	0.00	0.00	8,470.2	-265.0	-119.0	290.5	0.00	0.00	0.00
8,600.0	0.00	0.00	8,570.2	-265.0	-119.0	290.5	0.00	0.00	0.00
8,700.0	0.00	0.00	8,670.2	-265.0	-119.0	290.5	0.00	0.00	0.00
8,800.0	0.00	0.00	8,770.2	-265.0	-119.0	290.5	0.00	0.00	0.00
8,900.0	0.00	0.00	8,870.2	-265.0	-119.0	290.5	0.00	0.00	0.00
9,000.0	0.00	0.00	8,970.2	-265.0	-119.0	290.5	0.00	0.00	0.00
9,100.0	0.00	0.00	9,070.2	-265.0	-119.0	290.5	0.00	0.00	0.00
9,200.0	0.00	0.00	9,170.2	-265.0	-119.0	290.5	0.00	0.00	0.00
9,300.0	0.00	0.00	9,270.2	-265.0	-119.0	290.5	0.00	0.00	0.00
9,341.7	0.00	0.00	9,311.9	-265.0	-119.0	290.5	0.00	0.00	0.00
BHL: 660 ft FSL, 660 ft FEL									
9,341.8	0.00	0.00	9,312.0	-265.0	-119.0	290.5	0.00	0.00	0.00
TD at 9341.8 - TD									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
Kendall 16-17-3-1E TGT	0.00	0.00	6,333.0	-265.0	-119.0	7,251,654.81	2,087,273.79	40° 13' 0.104 N	109° 53' 59.025 W
- plan hits target center									
- Rectangle (sides W400.0 H400.0 D2,979.0)									

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
2,246.0	2,246.0	BMSGW		0.00		
4,685.1	4,685.0	Upper Green River		0.00		
5,241.2	5,233.0	Mahogany		0.00		
6,362.8	6,333.0	Gardner Gulch (TGR3)		0.00		
7,380.8	7,351.0	Douglas Creek		0.00		
7,809.8	7,780.0	Black Shale		0.00		
7,940.8	7,911.0	Castle Peak		0.00		
8,223.8	8,194.0	Uteland		0.00		
8,341.8	8,312.0	Wasatch		0.00		
9,341.8	9,312.0	TD		0.00		



Payzone Directional Planning Report



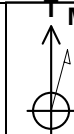
Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Kendall 16-17-3-1E
Company:	Crescent Point Energy	TVD Reference:	Kendall 16-17-3-1E @ 5030.3usft (PLAN KB)
Project:	Unitah County	MD Reference:	Kendall 16-17-3-1E @ 5030.3usft (PLAN KB)
Site:	Section 17 T3S, R1E	North Reference:	True
Well:	Kendall 16-17-3-1E	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
0.1	0.1	0.0	0.0	SHL: 925 ft FSL, 541 ft FEL
4,500.0	4,500.0	0.0	0.0	Start Build 2.00
5,261.5	5,252.6	-91.8	-41.2	Start 339.8 hold at 5261.5 MD
5,601.3	5,580.4	-173.2	-77.8	Start Drop -2.00
6,362.8	6,333.0	-265.0	-119.0	Start 2979.0 hold at 6362.8 MD
9,341.7	9,311.9	-265.0	-119.0	BHL: 660 ft FSL, 660 ft FEL
9,341.8	9,312.0	-265.0	-119.0	TD at 9341.8

Sundry Number: 62481 API Well Number: 43047551320000

Crescent Point
ENERGY CORP

Well Name: Kendall 16-17-3-1E
Surface Location: Section 17 T3S, R1E
North American Datum 1983 US State Plane 1983, Utah Central Zone
Ground Elevation: 5018.3
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 7251921.90 2087388.03 40° 13' 2.723 N 109° 53' 57.491 W
PLAN KB Kendall 16-17-3-1E @ 5030.3usft (PLAN KB)



Azimuths to True North
Magnetic North: 10.79°
Magnetic Field
Strength: 52017.0snT
Dip Angle: 65.87°
Date: 3/25/2015
Model: IGRF2010

Section 17 T3S, R1E
Kendall 16-17-3-1E
Design #1
13:44, March 25 2015

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Kendall 16-17-3-1E TGT	6333.0	-265.0	-119.0	7251654.81	2087273.79	40° 13' 0.104109° 53' 59.025 W	Rectangle (Sides: L400.0 W400.0)	

SECTION DETAILS

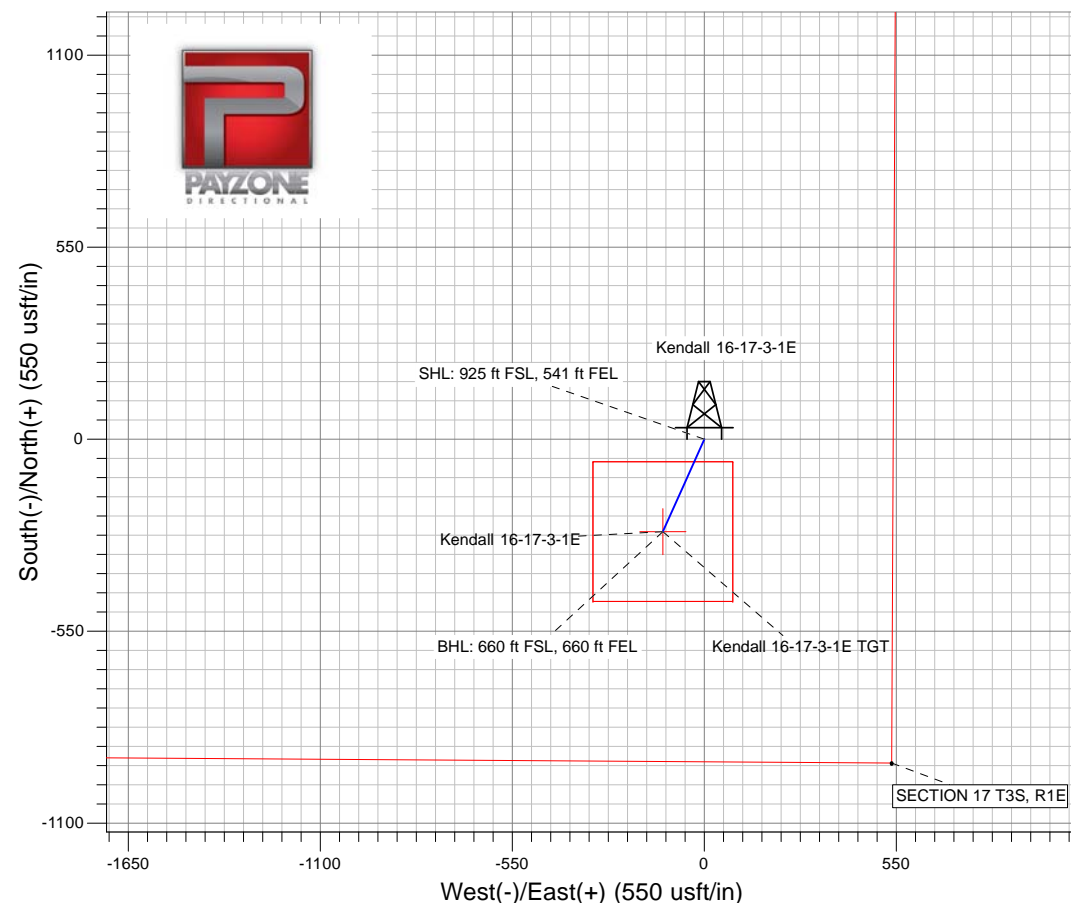
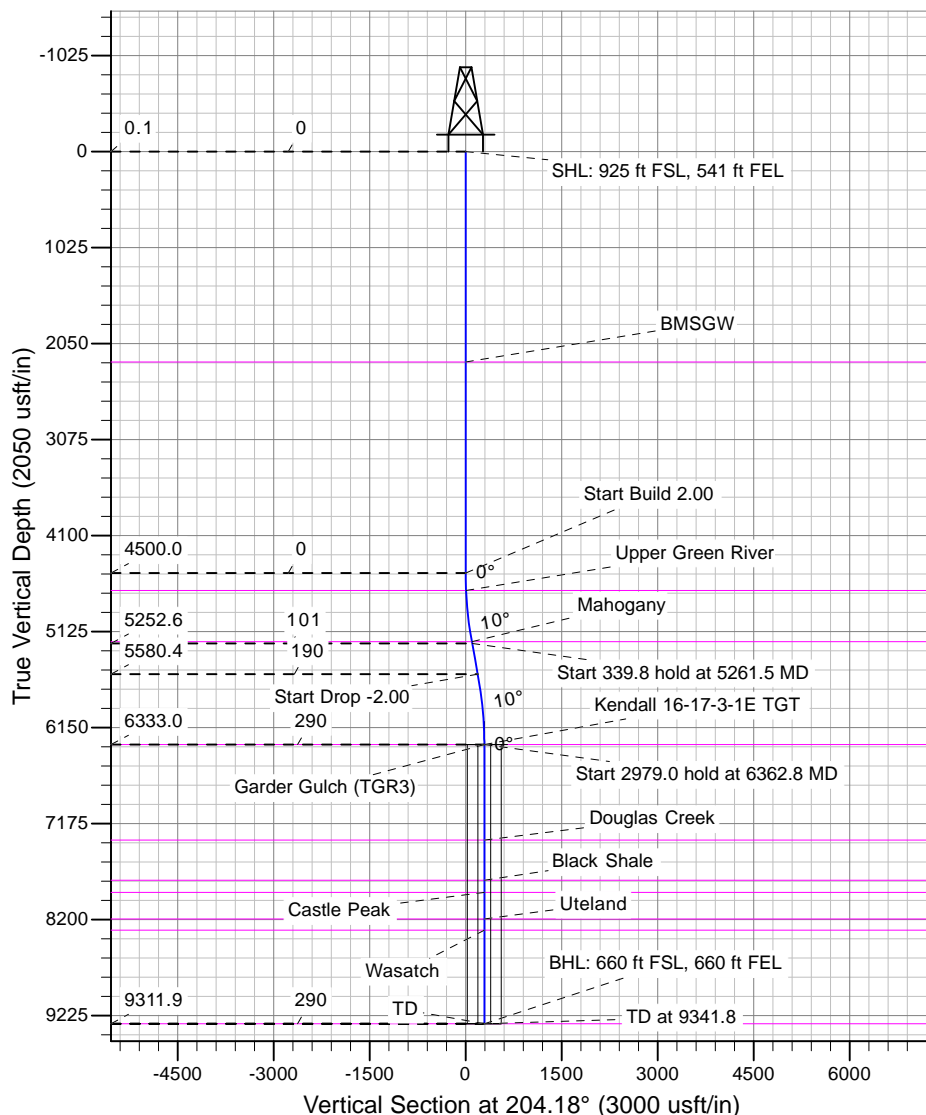
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSecl	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4500.0	0.00	0.00	4500.0	0.0	0.0	0.00	0.00	0.0	
3	5261.5	15.23	204.18	5252.6	-91.8	-41.2	2.00	204.18	100.6	
4	5601.3	15.23	204.18	5580.4	-173.2	-77.8	0.00	0.00	189.9	
5	6362.8	0.00	0.00	6333.0	-265.0	-119.0	2.00	180.00	290.5	Kendall 16-17-3-1E TGT
6	9341.8	0.00	0.00	9312.0	-265.0	-119.0	0.00	0.00	290.5	

ANNOTATIONS

TVD	MD	Annotation
0.1	0.1	SHL: 925 ft FSL, 541 ft FEL
4500.0	4500.0	Start Build 2.00
5252.6	5261.5	Start 339.8 hold at 5261.5 MD
5580.4	5601.3	Start Drop -2.00
6333.0	6362.8	Start 2979.0 hold at 6362.8 MD
9311.9	9341.7	BHL: 660 ft FSL, 660 ft FEL

FORMATION TOP DETAILS

TVDPath	MDPath	Formation	DipAngle	DipDir
2246.0	2246.0	BMSGW	0.00	
4685.0	4685.1	Upper Green River	0.00	
5233.0	5241.2	Mahogany	0.00	
6333.0	6362.8	Garder Gulch (TGR3)	0.00	
7351.0	7380.8	Douglas Creek	0.00	
7780.0	7809.8	Black Shale	0.00	
7911.0	7940.8	Castle Peak	0.00	
8194.0	8223.8	Uteland	0.00	
8312.0	8341.8	Wasatch	0.00	
9312.0	9341.8	TD	0.00	



Crescent Point Energy U.S. Corp

Kendall 16-17-3-1E

SHL: SE/SE of Section 17, T3S, R1E, USB&M

BHL: SW/SE of Section 15, T3S, R1E, USB&M

SHL: 925' FSL & 541' FEL

BHL: 660' FSL & 660' FEL

Uintah County, Utah

DRILLING PLAN1-2. Geologic Surface Formation and Estimated Tops of Important Geologic Markers

Formation	Depth – TVD	Depth-MD
Uinta	Surface	Surface
Upper Green River Marker	4,685'	4,685'
Mahogany	5,233'	5,241'
Garden Gulch (TGR3)	6,333'	6,363'
Douglas Creek	7,351'	7,3801'
Black Shale	7,780'	7,810'
Castle Peak	7,911'	7,941'
Uteland	8,194'	8,224'
Wasatch	8,312'	8,342'
TD	9,312'	9,342'

3. Estimated Depths of Anticipated Water, Oil, Gas Or Minerals

Green River Formation (Oil) 4,685' TVD – 8,312' TVD

Wasatch Formation (Oil) 8,312' TVD – 9,312' TVD

Fresh water may be encountered in the Uinta Formation, but would not be expected below 350'. All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by DOGM at onsite) encountered during drilling will be recorded by depth and adequately protected.

4. Proposed Casing & Cementing Program*Casing Design:*

Size	Interval		Weight	Grade	Coupling	Design Factors			
	Top	Bottom				Burst	Collapse	Tension	
Conductor 16" Hole Size 24"	0'	40'	65	H-40	STC	1,640	670	439	API
Surface casing 8-5/8" Hole Size 12-1/4"	0'	2,000'	24	J-55	STC	2,950 810 3.64	1,370 1,117 1.23	244,000 48,000 5.08	API Load SF
Prod casing 5-1/2" Hole Size 7- 7/8"	0'	9,342'	17	L-80	LTC	7,738 6,190 1.25	6,290 4,787 1.31	338,000 159,00 2.13	API Load SF

Assumptions:

1. Surface casing max anticipated surface pressure (MASP) = Frac gradient – gas gradient
2. Production casing MASP (production mode) = Pore pressure – gas gradient
3. All collapse calculations assume fully evacuated casing w/gas gradient
4. All tension calculations assume air weight

Frac gradient at surface casing shoe = 10.0 ppg
 Pore pressure at surface casing shoe = 8.33 ppg
 Pore pressure at prod casing shoe = 8.33 ppg
 Gas gradient = 0.115 psi/ft

Minimum Safety Factors:

Burst = 1.000
 Collapse = 1.125
 Tension = 1.800

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of one (1) centralizer per joint on the bottom three joints.

Cementing Design:

Job	Fill	Description	Excess	Sacks	Weight (ppg)	Yield (ft ³ /sk)
Surface casing Lead	1500' – Surface	Class V 2% chlorides	75%	435	12.0	2.50
Surface casing Tail	2000' – 1500'	Class V 2% chlorides	75%	315	15.8	1.15
Prod casing Lead	4600' to Surface	Hifill Class V 3% chlorides	25% in open-hole, 0% in cased hole	275	11.0	3.46
Prod casing Tail	TD to 4600'	Class G 10% chlorides	15%	540	13.1	1.76

*Actual volume pumped will have excess over gauge hole or caliper log if available

- Compressive strength of tail cement: 500 psi @ 7 hours

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug, cement, or shoe. WOC time shall be recorded in the Driller's Log. Compressive strength shall be a minimum of 500 psi prior to drilling out.

The DOGM Roosevelt Field Office shall be notified, with sufficient lead time, in order to have a DOGM representative on location while running all casing strings and cementing.

The 9-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the surface casing shoe. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A Tuned spacer will be used to prevent contamination of the lead cement by the drilling mud.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A Form 9, "Sundry Notices and Reports on Wells" shall be filed with the DOGM within 30 days after the work is completed. This report must include the following information:

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated of the top of the cement behind the casing, depth of the cementing tools used, casing method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

5. Drilling Fluids Program

The Conductor section (from 0' to 40') will be drilled by Auger and final depth determined by when the black shale is encountered with a minimum depth of 40'.

The surface interval will then be drilled to $\pm 2000'$ with air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run to the reserve pit. A variance is in request for this operation. The request can be found in Section 12 of this plan.

From $\pm 2000'$ to TD, a brine water system will be utilized. Clay inhibition and hole stability will be achieved with a polymer (DAP) additive; the reserve pit will be lined to address this additive. This brine water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 9.5 lbs/gal. If it is necessary to control formation fluids or pressure, the system will be weighted with the addition of brine, and if pressure conditions warrant, barite and/or calcium carbonate will be used as a weighting agent. There will be enough weighting agent on location to increase the entire system to 11.0 ppg MW.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior DOGM approval to ensure adequate protection of fresh water aquifers.

Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, Crescent Point Energy U.S. Corp. (Crescent Point) could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO₂ gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.

Crescent Point Energy will visually monitor pit levels and flow from the well during drilling operations.

6. Minimum Specifications for Pressure Control

When drilling the 12 ¼" surface hole, an annular diverter or rotating head will be used for well control.

A 3,000 psi BOP system or better will be used on this well. All equipment will be installed and tested per Onshore Order No. 2.

The configuration is as follows:

- Float in drillstring
- Inside BOP or safety valve
- Safety valve with same pipe threading
- Rotating Head below rotary table
- Fillup line
- 11" Annular Preventer – rated to 3,000 psi minimum
- 11" bore, 4-1/2" pipe ram – rated to 3,000 psi minimum
- 11" bore, Blind Ram – rated to 3,000 psi minimum
- 11" bore Drilling Spool with 2 side outlets (Choke side at 3" minimum & Kill side at 2" minimum)
 - 2 Kill line valves at 2" minimum – one with a check valve
 - Kill line at 2" minimum

- 2 Choke line valves at 3" minimum
- Choke line at 3" minimum
- 2 adjustable chokes on manifold
- Pressure gauge on choke manifold

7. BOPE Test Criteria

A Function Test of the Ram BOP equipment shall be made every trip and annular preventer every week. All required BOP tests and/or drills shall be recorded in the Driller's Report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to DOGM representatives upon request.

At a minimum, the Annular preventer will be tested to 50% of its rating for ten minutes. All other equipment (Rams, valves, manifold) will be tested at 3,000 psi for 10 minutes with a test plug. If rams are to be changed for any reason post drillout, the rams will be tested to 70% of surface casing internal yield.

At a minimum, the above pressure tests will be performed when such conditions exist:

- BOP's are initially installed
- Whenever a seal subject to pressure test is broken
- Following repairs to the BOPs
- Every 30 days

8. Accumulator

The Accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (HCR), close both rams and annular preventer as well maintain 200 psi above nitrogen precharge of the accumulator without use of accumulator pumps. The fluid reservoir volume will be double the usable volume of the accumulator system. The fluid level will be maintained per manufacturer's specifications.

The BOP system will have two independent power sources to close both rams and annular preventer, while opening HCR. Nitrogen bottles will be one source and electric and/or air powered pumps will be the other.

The accumulator precharge will be conducted every 6 months and maintained to be within the specifications of Onshore Order No. 2

A manual locking device or automatic locking device will be installed on both ram preventers and annular preventer.

Remote controls will be readily accessible to the driller and be capable of closing all preventers. Main controls will be available to allow full functioning of all preventers and HCR.

9. Testing, Logging and Coring Programs

The logging program will consist of a Gamma Ray log from TD to base of surface casing @ +/- 2000'. A cement bond log will be run from PBTD to top of cement. No drill stem testing or coring is planned for this well.

10. Anticipated Abnormal Pressures or Temperature

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous wells drilled to similar depths in this area.

Maximum anticipated bottomhole pressure will be approximately equal to total depth in feet multiplied by a 0.52 psi/ft gradient, and a maximum anticipated surface pressure will be approximately equal to the bottomhole pressure calculated minus the pressure of a partially evacuated hole calculated at a 0.22 psi/foot gradient.

11. Anticipated Starting Date and Duration of Operations

It is anticipated that drilling operations will commence as soon as possible following permit approval and will take approximately ten (10) days from spud to rig release and two weeks for completions.

12. Variances Requested from Onshore Order No. 2

1. A diverter is utilized for surface air drilling, rather than a lubricated rotating head.
2. The blooie line is 45 ft from the wellbore rather than 100 ft and is not anchored down.
3. The blooie line is not equipped with an automatic igniter or continuous pilot light.
4. The compressor is located on the rig itself and not 100 ft from the wellbore.
5. The requirement for an Formation Integrity Test (FIT) or a Leak Off Test (LOT)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Kendall 16-17-3-1E	
2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP		9. API NUMBER: 43047551320000
3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 , Denver, CO, 80202	PHONE NUMBER: 720 880-3621 Ext	9. FIELD and POOL or WILDCAT: INDEPENDENCE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0925 FSL 0541 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 17 Township: 03.0S Range: 01.0E Meridian: U		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/17/2016	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Crescent Point Energy US Corp respectfully requests a one-year extension of the state drilling permit for the referenced well.

Approved by the
 February 18, 2016
 Oil, Gas and Mining

Date:

By:

signature

NAME (PLEASE PRINT) Kristen Johnson	PHONE NUMBER 303 308-6270	TITLE Regulatory Technician
SIGNATURE N/A		DATE 2/17/2016



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047551320000

API: 43047551320000

Well Name: Kendall 16-17-3-1E

Location: 0925 FSL 0541 FEL QTR SESE SEC 17 TWP 030S RNG 010E MER U

Company Permit Issued to: CRESCENT POINT ENERGY U.S. CORP

Date Original Permit Issued: 3/17/2015

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Kristen Johnson

Date: 2/17/2016

Title: Regulatory Technician Representing: CRESCENT POINT ENERGY U.S. CORP

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750, Denver, CO, 80202		8. WELL NAME and NUMBER: Kendall 16-17-3-1E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0925 FSL 0541 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 17 Township: 03.0S Range: 01.0E Meridian: U		9. API NUMBER: 43047551320000
PHONE NUMBER: 720 880-3621 Ext		9. FIELD and POOL or WILDCAT: INDEPENDENCE
COUNTY: UINTAH		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/16/2016 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div> <div style="text-align: right; margin-top: 10px;"> OTHER: <input style="width: 100px;" type="text"/> </div>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Crescent Point Energy requests approval to set 1000' of 8-5/8", 24#, J-55 surface casing (instead of 2000' of 9-5/8", 36#, J-55). Production lead cement will be changed to 11.5 ppg to ensure competent cement across the BMSGW at 2246'

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: May 13, 2016

By:

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Kristen Johnson	PHONE NUMBER 303 308-6270	TITLE Regulatory Technician
SIGNATURE N/A		DATE 5/12/2016



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047551320000

Production lead cement shall be brought up to at least 500' above the surface casing setting depth.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 , Denver, CO, 80202	PHONE NUMBER: 720 880-3621 Ext	9. FIELD and POOL or WILDCAT: INDEPENDENCE
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TYPE OF SUBMISSION	TYPE OF ACTION		
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<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 5/23/2016			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Crescent Point Energy US Corp spud the Kendall 16-17-3-1E with Pro Petro bucket Rig #1 on 05/23/2016 at 9:30am.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 May 24, 2016

NAME (PLEASE PRINT) Kristen Johnson	PHONE NUMBER 303 308-6270	TITLE Regulatory Technician
SIGNATURE N/A		DATE 5/23/2016

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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PHONE NUMBER: 720 880-3621 Ext		9. FIELD and POOL or WILDCAT: INDEPENDENCE
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/22/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
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	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
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	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please see attached drill report for Kendall 16-17-3-1E, encompassing all drilling operations to date.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 23, 2016		
NAME (PLEASE PRINT) Valari Cray	PHONE NUMBER 303 880-3637	TITLE Drilling And Completion Tech
SIGNATURE N/A	DATE 6/22/2016	



Daily Drilling Report

Report for: 5/23/2016
Report #: 1.0, DFS: -15.92
Depth Progress:

Well Name: KENDALL 16-17-3-1E

UWI/API 43-047-55132				Surface Legal Location 16-17-3-1				License #						
Spud Date 5/23/2016 09:30			Date TD Reached (wellbore) 6/15/2016 22:00			Rig Release Date 6/17/2016 15:00			Ground Elevation (ft) 5,018.00		Orig KB Elev (ft) 5,030.00			
Completion Type														
Weather			Temperature (°F)			Road Condition			Hole Condition					
Operation At 6am W/O AIR RIG						Operation Next 24hrs								
24 Hr Summary MIRU PRO PETRO BUCKET RIG #1,SPUD WELL @09:30 5/23/2016, DRILL 52' KB 26' CONDUCTOR HOLE,TOH, R/U & RUN 52' KB 16" CONDUCTOR PIPE, R/U & CEMENT CONDUCTOR PIPE BACK SURF W/ 15.8 PPG READY MIX, CEMENT STAYED @ SURF, R/D PRO PETRO BUCKET RIG #1														
Time Log														
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com								
Mud Checks														
<depth>ftKB, <dtm>														
Type		Time		Depth (ftKB)		Density (lb/gal)		Funnel Viscosity (s/qt)		PV Override (cP)		YP OR (lb/100ft²)		
Gel 10 sec (lb/100ft²)		Gel 10 min (lb/100ft²)		Filtrate (mL/30min)		Filter Cake (1/32")		pH		Sand (%)		Solids (%)		
MBT (lb/bbl)		Alkalinity (mL/mL)		Chlorides (mg/L)		Calcium (mg/L)		Pf (mL/mL)		Pm (mL/mL)		Gel 30 min (lb/100ft²)		
Whole Mud Added (bbl)			Mud Lost to Hole (bbl)			Mud Lost to Surface (bbl)			Reserve Mud Volume (bbl)			Active Mud Volume (bbl)		
Drill Strings														
BHA #<stringno>, <des>														
Bit Run	Drill Bit					Length (ft)		IADC Bit Dull			TFA (incl Noz) (in²)		BHA ROP...	
Nozzles (1/32")						String Length (ft)			Max Nominal OD (in)					
String Components														
Comment														
Drilling Parameters														
Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq		

AFE Number 1700316US		
Start Depth (ftKB) 0.0		End Depth (ftKB) 0.0
Target Formation Wasatch		Target Depth (ftKB) 9,134.0
Last Casing String Conductor, 52.0ftKB		
Daily Contacts		
Job Contact		Mobile
Rigs		
Capstar Drilling, 316		
Contractor Capstar Drilling		Rig Number 316
Rig Supervisor Jeremy Sparger		Phone Mobile 307-315-3927
1, Gardner-Denver, PZ-9		
Pump # 1	Pwr (hp)	Rod Dia (in)
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
P (psi)	Slow Spd	Strokes (s... Eff (%)
2, Gardner-Denver, PZ-9		
Pump # 2	Pwr (hp)	Rod Dia (in)
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
P (psi)	Slow Spd	Strokes (s... Eff (%)
Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
Safety Checks		
Time	Type	Des
Wellbores		
Wellbore Name		KO MD (ftKB)
Original Hole		

Report for: 5/24/2016
Report #: 2.0, DFS: -14.92
Depth Progress:

UWI/API 43-047-55132		Surface Legal Location 16-17-3-1		License #	
Spud Date 5/23/2016 09:30		Date TD Reached (wellbore) 6/15/2016 22:00		Rig Release Date 6/17/2016 15:00	
				Ground Elevation (ft) 5,018.00	
				Orig KB Elev (ft) 5,030.00	
Completion Type					
Weather		Temperature (°F)		Road Condition	
				Hole Condition	
Operation At 6am W/O DAYLIGHT		Operation Next 24hrs			
24 Hr Summary MIRU PRO PETRO RIG #12, R/U CLOSED LOOP SYSTEM, P/U BHA, TIH, DRILL 12 1/4" SURF. HOLE F/52' KB T/792' KB, TOH TO 300', SHUT DOWN, W/O DAYLIGHT					

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com

<depth>ftKB, <dttm>						
Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)		Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)		Reserve Mud Volume (bbl)	Active Mud Volume (bbl)

BHA #<stringno>, <des>				
Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in ²)
Nozzles (1/32")		String Length (ft)		BHA ROP...
				Max Nominal OD (in)
String Components				
Comment				

[illegible]

Capstar Drilling, 316	
Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Jeremy Sparger	Phone Mobile 307-315-3927

2, Gardner-Denver, PZ-9				
Pump # 2		Pwr (hp)		Rod Dia (in)
Liner Size (in)		Stroke (in)		Vol/Stk OR (b...
P (psi)	Slow Spd	Strokes (s...	Eff (%)	

Des	Field Est (Cost/unit)	Consumed

Time	Type	Des

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 5/25/2016
Report #: 3.0, DFS: -13.92
Depth Progress:

Well Name: KENDALL 16-17-3-1E

UWI/API 43-047-55132		Surface Legal Location 16-17-3-1		License #	
Spud Date 5/23/2016 09:30	Date TD Reached (wellbore) 6/15/2016 22:00	Rig Release Date 6/17/2016 15:00	Ground Elevation (ft) 5,018.00	Orig KB Elev (ft) 5,030.00	
Completion Type					
Weather		Temperature (°F)	Road Condition	Hole Condition	
Operation At 6am W/O DRILLING RIG			Operation Next 24hrs		

24 Hr Summary

TIH T/792' KB CONT T/DRILL 12 1/4" SURF HOLE T/1052' KB CLEAN HOLE, TOH, HOLD SAFTEY MEETING, R/U AND RUN 1032' KB 8 5/8" 24# SURF CSG, HOLD SAFTEY MEETING R/U PRO PETRO CEMENTERS, CEMENT 8 5/8" SURF CSG W/650 SKS 15.8 PPG 1.15 CUFT/SK CLASS "G" CEMENT(133 BBLs), DROP PLUG ON THE FLY, DISPLACE W/60 BBLs FRESH WATER, BUMP PLUG T/900 PSI, BLEED OFF, FLOAT HELD, FINAL LIFT PRESS 360 PSI, 40 BBLs GOOD CEMENT T/SURF, STAYED @ SURF R/D PRO PETRO RIG #12, W/O DRILLING RIG, NOTE:CHRIS JENESN W/UDOGM WITNESSED CEMENT JOB

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com

Mud Checks

<depth>ftKB, <dtm>

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
Nozzles (1/32")		String Length (ft)		Max Nominal OD (in)	
String Components					
Comment					

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number 1700316US	
Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0
Target Formation Wasatch	Target Depth (ftKB) 9,134.0
Last Casing String Surface, 1,032.0ftKB	

Daily Contacts

Job Contact	Mobile

Rigs

Capstar Drilling, 316

Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Jeremy Sparger	Phone Mobile 307-315-3927

1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp)	Rod Dia (in)
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)
P (psi)	Slow Spd	Strokes (s...)
		Eff (%)

2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp)	Rod Dia (in)
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)
P (psi)	Slow Spd	Strokes (s...)
		Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 6/8/2016
Report #: 4.0, DFS: 0.08
Depth Progress: 259.00

Well Name: KENDALL 16-17-3-1E

UWI/API 43-047-55132	Surface Legal Location 16-17-3-1	License #
Spud Date 5/23/2016 09:30	Date TD Reached (wellbore) 6/15/2016 22:00	Rig Release Date 6/17/2016 15:00
	Ground Elevation (ft) 5,018.00	Orig KB Elev (ft) 5,030.00

Completion Type

Weather Clear	Temperature (°F) 88.0	Road Condition Good	Hole Condition Good
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Operation At 6am Drilling @ 1311'	Operation Next 24hrs Drill 7 7/8" Production Hole
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24 Hr Summary
Move Rig 3.5 Miles, Rig Up, Nipple Up & Test BOP(UTDOGM Notified, Not Witnessed), Pick Up Steerable BHA, TIH & Drill Out Cement & FE, Drill 7 7/8" Production Hole f/ 1052' to 1311' (259' @ 129.5 fph) 16-18k wob, 390 GPM

Time Log						
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	14:00	8.00	8.00	1	RIGUP & TEARDOWN	Move In Rig Up
14:00	18:00	4.00	12.00	14	NIPPLE UP B.O.P	Nipple up BOP
18:00	21:30	3.50	15.50	15	TEST B.O.P	Pressure Test BOP, Pipe Rams, Blind Rams, Safety Valves, Lines, Choke Manifold 3000 PSI/10 Min. Annular BOP 1500 Psi/10 Min., Casing 1500 Psi/ 30 Min.
21:30	00:30	3.00	18.50	6	TRIPS	Pick up Directional Tools & 18-jts HWDP
00:30	01:30	1.00	19.50	9	CUT OFF DRILL LINE	Cut & Slip 110' Drilling Line
01:30	02:00	0.50	20.00	6	TRIPS	Trip In Hole, Tag Cement @ 928'.
02:00	04:00	2.00	22.00	22	OPEN	Drill Cement & Float Equipment
04:00	06:00	2.00	24.00	2	DRILL ACTUAL	Drilling f/ 1052' to 1311' (259' @ 129.5 fph) 18k wob, 393 gpm

Mud Checks

<depth>ftKB, <dtm>

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Drill Strings

BHA #1, Steerable

Bit Run 1	Drill Bit 7 7/8in, Z616, JK9848	Length (ft) 1.00	IADC Bit Dull 1-4-BT-S-X-0-WT-PR	TFA (incl Noz) (in²) 1.18	BHA ROP... 59.3
Nozzles (1/32") 16/16/16/16/16/16		String Length (ft) 670.92		Max Nominal OD (in) 6.438	

String Components
Smith Z616, 1-6.5" Hunting MM 1.5 ako .16 rev, 1- 7 3/4" 3 Pt. Reamer, 1-6.25" NMDC, 6.5" Gap Sub, 1-6.25" NMDC, 1-7 3/4" 3 Pt Reamer, 18-Jt 4 1/2 HWDP

Comment
Smith Z616 7 7/8 Ser # JK9848 6.5", 7/8, 3.3Stage 0.16 Rev.1.50 AKO SER # 6298 , 6.5" 3 Pt. Reamer, , 6.5" NMDC, 6.5" Gap Sub, 6.5" NMDC, 3 pt Reamer, 18 Jts. 4 1/2 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq.
Original Hole	1,052.0	1,311.0	259.00	2.00	129.5	390	18	60	875.0	37	56	9,500.0

AFE Number 1700316US	Start Depth (ftKB) 1,052.0	End Depth (ftKB) 1,311.0
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Target Formation Wasatch	Target Depth (ftKB) 9,134.0
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Last Casing String Surface, 1,032.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1121
Brent Bascom	970-250-2928

Rigs

Capstar Drilling, 316

Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Jeremy Sparger	Phone Mobile 307-315-3927

1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)

2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 6/9/2016

Report #: 5.0, DFS: 1.08

Depth Progress: 2.140.00

Well Name: KENDALL 16-17-3-1E

UWII/API 43-047-55132		Surface Legal Location 16-17-3-1		License #	
Spud Date 5/23/2016 09:30		Date TD Reached (wellbore) 6/15/2016 22:00		Rig Release Date 6/17/2016 15:00	
				Ground Elevation (ft) 5,018.00	
				Orig KB Elev (ft) 5,030.00	

Completion Type					
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Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	90.0	Good	Good

Operation At 6am Drilling @ 3451'	Operation Next 24hrs Drill 7 7/8" Production Hole
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24 Hr Summary
Drilling f/ 1311' to 3451' (2140' @ 91 fph) 20k wob, 504 gpm. No Losses, Lithology - 40% SH, 30% SS, 20% SLTST, 10% CLYST. BKG 35-30 u. Conn. 35 u. Peak 41 u.

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	16:00	10.00	10.00	2	DRILL ACTUAL	Drilling f/ 1311' to 2553' (1242' @ 124.2 fph) 18k wob, 393 gpm
16:00	16:30	0.50	10.50	7	LUBRICATE RIG	Rig Service
16:30	06:00	13.50	24.00	2	DRILL ACTUAL	Drilling f/ 2553' to 3451' (898' @ 66.5 fph) 18k wob, 393 gpm

		Mud Checks
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1,550.0ftKB, 6/9/2016 08:00

Type DAP	Time 08:00	Depth (ft/KB) 1,550.0	Density (lb/gal) 8.70	Funnel Viscosity (s/qt) 30	PV Override (cP) 2.0	YP OR (lb/100ft²) 1.000
Gel 10 sec (lb/100ft²) 1.000	Gel 10 min (lb/100ft²) 1.000	Filtrate (mL/30min) 0.0	Filter Cake (1/32") 0.0	pH 11.0	Sand (%) 0.2	Solids (%) 3.5
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 3,000.000	Calcium (mg/L)	Pf (mL/mL) 0.82	Pm (mL/mL) 0.880	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Drill Strings

BHA #1, Steerable

Bit Run 1	Drill Bit 7 7/8in, Z616, JK9848	Length (ft) 1.00	IADC Bit Dull 1-4-BT-S-X-0-WT-PR	TFA (incl Noz) (in²) 1.18	BHA ROP... 59.3
Nozzles (1/32") 16/16/16/16/16/16		String Length (ft) 670.92		Max Nominal OD (in) 6.438	

String Components

Smith Z616, 1-6.5" Hunting MM 1.5 ako .16 rev, 1- 7 3/4" 3 Pt. Reamer, 1-6.25" NMDC, 6.5" Gap Sub, 1-6.25" NMDC, 1-7 3/4" 3 Pt Reamer. 18-Jt 4 1/2 HWDP

Comment

Smith Z616 7 7/8 Ser # JK9848 6.5", 7/8, 3.3 Stage 0.16 Rev. 1.50 AKO SER # 6298 , 6.5" 3 Pt. Reamer, , 6.5" NMDC, 6.5" Gap Sub. 6.5" NMDC. 3 pt Reamer. 18 Jts. 4 1/2 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	1,311.0	3,451.0	2,399.0 0	25.50	91.1	504	18	70	1,350.0	55	85	11,00 0.0

AFE Number
1700316US

Start Depth (ftKB)	End Depth (ftKB)
1,311.0	3,451.0

Target Formation	Target Depth (ftKB)
Wasatch	9,134.0

Last Casing String	
Surface, 1,032.0ftKB	

Daily Contacts	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

Job Contact	Mobile
Scott Seely	435-828-1121
Brent Bascom	970-250-2928

Rigs

Capstar Drilling, 316

Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Jeremy Sparger	Phone Mobile 307-315-3927

1, Gardner-Denver, PZ-9	
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Pump #	Pwr (hp)	Rod Dia (in)
1		
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)
6	9.02	0.079
P (psi)	Slow Spd	Strokes (s...)
875.0	No	125
		Eff (%)
		95

2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
ANCO DRILL	65.00	1.0
Corr Ring	104.00	1.0
DAP	23.85	4.0
ENGINEERING	275.00	1.0
TAX	1.00	51.0
TRAILER RENTAL	95.00	2.0
Xcide	120.25	0.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 6/10/2016
Report #: 6.0, DFS: 2.08
Depth Progress: 1,295.00

Well Name: KENDALL 16-17-3-1E

UWI/API 43-047-55132	Surface Legal Location 16-17-3-1	License #
Spud Date 5/23/2016 09:30	Date TD Reached (wellbore) 6/15/2016 22:00	Rig Release Date 6/17/2016 15:00
	Ground Elevation (ft) 5,018.00	Orig KB Elev (ft) 5,030.00

Completion Type				
Weather Clear		Temperature (°F) 90.0	Road Condition Good	Hole Condition Good
Operation At 6am Driling @ 4746'			Operation Next 24hrs Drill 7 7/8" Production Hole	
24 Hr Summary Drilling f/ 3451' to 4746' (1295' @ 55.1 fph) 22k wob, 393 gpm. No Losses, Lithology - 75% DOLST. 20% SH, 5% CLYST, BKG 225-240 u, Conn. 350 -535 u, Peak 932 u.@4125'.				

Time Log						
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	16:00	10.00	10.00	2	DRILL ACTUAL	Drilling f/ 3451' to 4096' (645' @ 64.5 fph) 18k wob, 393 gpm. No Losses
16:00	16:30	0.50	10.50	7	LUBRICATE RIG	Rig Service
16:30	06:00	13.50	24.00	2	DRILL ACTUAL	Drill & Slide f/ 4096' to 4746' (650' @ 48.1) 22k wob, 393 gpm, no Losses.

Mud Checks						
3,550.0ftKB, 6/10/2016 08:00						
Type DAP	Time 08:00	Depth (ftKB) 3,550.0	Density (lb/gal) 9.10	Funnel Viscosity (s/qt) 32	PV Override (cP) 4.0	YP OR (lb/100ft²) 2.000
Gel 10 sec (lb/100ft²) 2.000	Gel 10 min (lb/100ft²) 4.000	Filtrate (mL/30min) 18.0	Filter Cake (1/32") 2	pH 8.0	Sand (%) 0.2	Solids (%) 5.8
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 4,000.000	Calcium (mg/L)	Pf (mL/mL) 0.09	Pm (mL/mL) 0.120	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Drill Strings						
BHA #1, Steerable						
Bit Run 1	Drill Bit 7 7/8in, Z616, JK9848	Length (ft) 1.00	IADC Bit Dull 1-4-BT-S-X-0-WT-PR	TFA (incl Noz) (in²) 1.18	BHA ROP... 59.3	
Nozzles (1/32") 16/16/16/16/16/16	String Length (ft) 670.92	Max Nominal OD (in) 6.438				

String Components Smith Z616, 1-6.5" Hunting MM 1.5 ako .16 rev, 1- 7 3/4" 3 Pt. Reamer, 1-6.25" NMDC, 6.5" Gap Sub, 1-6.25" NMDC, 1-7 3/4" 3 Pt Reamer, 18-Jt 4 1/2 HWDP						
Comment Smith Z616 7 7/8 Ser # JK9848 6.5", 7/8, 3.3Stage 0.16 Rev.1.50 AKO SER # 6298 , 6.5" 3 Pt. Reamer, , 6.5" NMDC, 6.5" Gap Sub, 6.5" NMDC, 3 pt Reamer, 18 Jts. 4 1/2 HWDP						

Drilling Parameters												
Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	3,451.0	4,746.0	3,694.0 0	49.00	55.1	393	22	70	950.0	78	110	12.00 0.0

AFE Number 1700316US	
Start Depth (ftKB) 3,451.0	End Depth (ftKB) 4,746.0
Target Formation Wasatch	Target Depth (ftKB) 9,134.0

Daily Contacts	
Job Contact	Mobile
Scott Seely	435-828-1121
Brent Bascom	970-250-2928

Rigs	
Capstar Drilling, 316	
Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Jeremy Sparger	Phone Mobile 307-315-3927

1, Gardner-Denver, PZ-9			
Pump # 1	Pwr (hp)	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079	
P (psi) 1,350.0	Slow Spd No	Strokes (s...) 160	Eff (%) 95

2, Gardner-Denver, PZ-9			
Pump # 2	Pwr (hp)	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079	
P (psi) 1,359.0	Slow Spd No	Strokes (s...) 160	Eff (%) 95

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consume d
ANCO DRILL	65.00	5.0
CI-300	72.00	3.0
CITRIC ACID	65.95	4.0
DAP	23.85	62.0
Drill Pac HV	145.00	2.0
ENGINEERING	275.00	1.0
TAX	1.00	296.0
TRAILER RENTAL	95.00	1.0
TRUCKING	1.00	800.0
Xcide	120.25	4.0

Safety Checks		
Time	Type	Des

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 6/11/2016
Report #: 7.0, DFS: 3.08
Depth Progress: 947.00

Well Name: KENDALL 16-17-3-1E

UWI/API 43-047-55132	Surface Legal Location 16-17-3-1	License #
Spud Date 5/23/2016 09:30	Date TD Reached (wellbore) 6/15/2016 22:00	Rig Release Date 6/17/2016 15:00
	Ground Elevation (ft) 5,018.00	Orig KB Elev (ft) 5,030.00

Completion Type

Weather Rain	Temperature (°F) 75.0	Road Condition Good	Hole Condition Good
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Operation At 6am
Drilling @ 5693'

Operation Next 24hrs
Drill 7 7/8" Production Hole

24 Hr Summary

Drilling f/ 4746' to 5693' (947' @ 40.3 fph) 22k wob, 393 gpm. No Losses, Lithology - 70% DOLST. 20% CLYST, 10% SS, BKG 135-170 u, Conn. 540-735 u, Peak 2772 u. @ 4692'.

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	15:30	9.50	9.50	2	DRILL ACTUAL	Drill & Slide f/ 4746' to 5047' (341' @ 35.9) 22k wob, 393 gpm, no Losses.
15:30	16:00	0.50	10.00	7	LUBRICATE RIG	Rig service
16:00	06:00	14.00	24.00	2	DRILL ACTUAL	Drill & Slide f/ 5047' to 5693' (646' @ 46.1) 22k wob, 393 gpm, no Losses.

Mud Checks

4,879.0ftKB, 6/11/2016 09:00

Type DAP	Time 09:00	Depth (ftKB) 4,879.0	Density (lb/gal) 9.20	Funnel Viscosity (s/qt) 34	PV Override (cP) 6.0	YP OR (lb/100ft²) 4.000
Gel 10 sec (lb/100ft²) 3.000	Gel 10 min (lb/100ft²) 5.000	Filtrate (mL/30min) 18.0	Filter Cake (1/32") 2	pH 8.7	Sand (%) 0.2	Solids (%) 10.4
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 8,000.000	Calcium (mg/L)	Pf (mL/mL) 0.5	Pm (mL/mL) 0.450	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Drill Strings

BHA #1, Steerable

Bit Run 1	Drill Bit 7 7/8in, Z616, JK9848	Length (ft) 1.00	IADC Bit Dull 1-4-BT-S-X-0-WT-PR	TFA (incl Noz) (in²) 1.18	BHA ROP... 59.3
Nozzles (1/32") 16/16/16/16/16/16	String Length (ft) 670.92	Max Nominal OD (in) 6.438			

String Components

Smith Z616, 1-6.5" Hunting MM 1.5 ako .16 rev, 1- 7 3/4" 3 Pt. Reamer, 1-6.25" NMDC, 6.5" Gap Sub, 1-6.25" NMDC, 1-7 3/4" 3 Pt Reamer, 18-Jt 4 1/2 HWDP

Comment

Smith Z616 7 7/8 Ser # JK9848 6.5", 7/8, 3.3Stage 0.16 Rev.1.50 AKO SER # 6298 , 6.5" 3 Pt. Reamer, , 6.5" NMDC, 6.5" Gap Sub, 6.5" NMDC, 3 pt Reamer, 18 Jts. 4 1/2 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	4,746.0	5,693.0	4,641.0 0	72.50	40.3	393	22	70	1,100.0	88	125	12,000.0

AFE Number
1700316US

Start Depth (ftKB) 4,746.0	End Depth (ftKB) 5,693.0
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Target Formation Wasatch	Target Depth (ftKB) 9,134.0
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Last Casing String
Surface, 1,032.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1121
Brent Bascom	970-250-2928

Rigs

Capstar Drilling, 316

Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Jeremy Sparger	Phone Mobile 307-315-3927

1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi) 950.0	Slow Spd No	Strokes (s...) 125
		Eff (%) 95

2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...)
		Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Anco Defoam	72.00	1.0
ANCO DRILL	65.00	5.0
CI-300	72.00	2.0
CITRIC ACID	65.95	1.0
DAP	23.85	39.0
ENGINEERING	275.00	1.0
HiYeld GEL	6.70	12.0
PALLETS	18.00	17.0
SAWDUST	4.76	20.0
SHRINK WRAP	18.00	17.0
TRAILER RENTAL	95.00	1.0
TRUCKING	1.00	800.0
Xcide	120.25	2.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 6/12/2016
Report #: 8.0, DFS: 4.08
Depth Progress: 1,007.00

Well Name: KENDALL 16-17-3-1E

UWI/API 43-047-55132		Surface Legal Location 16-17-3-1		License #	
Spud Date 5/23/2016 09:30		Date TD Reached (wellbore) 6/15/2016 22:00		Rig Release Date 6/17/2016 15:00	
				Ground Elevation (ft) 5,018.00	
				Orig KB Elev (ft) 5,030.00	
Completion Type					
Weather Clear		Temperature (°F) 82.0		Road Condition Good	
				Hole Condition Good	
Operation At 6am Drilling @ 6700'				Operation Next 24hrs Drill 7 7/8" Production Hole, Trip for Bit & Mud Motor.Lay down Directional Tools	

24 Hr Summary

Drilling f/ 5693' to 6700' (1007' @ 45.7 fph) 22k wob, 362 gpm. (100 bbl seepage loss 6290' to 6400'), Lithology - 60% SH, . 25% CLYST, 15% SS, BKG 155-240 u, Conn. 410 u, Peak 2359 u.@ 5675'.

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	13:00	7.00	7.00	2	DRILL ACTUAL	Drill & Slide f/ 5693' to 5992' (299' @ 42.7) 22k wob, 393 gpm, no Losses.
13:00	14:30	1.50	8.50	10	DEVIATION SURVEY	Attempt Survey, Pull up Hole 85', to aquire Link up & Increase Signal Power RIH to bottom, No Signal.
14:30	16:00	1.50	10.00	2	DRILL ACTUAL	Continue Drilling f/ 5992' to 6078' (86' @ 43 fph)
16:00	16:30	0.50	10.50	7	LUBRICATE RIG	Rig Service
16:30	06:00	13.50	24.00	2	DRILL ACTUAL	Drilling w/ Surveys 6078' to 6700' 22k wob, 362 gpm , (100 BBI seepage Loss)

Mud Checks

5,834.0ftKB, 6/12/2016 09:00

Type DAP	Time 09:00	Depth (ftKB) 5,834.0	Density (lb/gal) 9.40	Funnel Viscosity (s/qt) 33	PV Override (cP) 8.0	YP OR (lb/100ft²) 6.000
Gel 10 sec (lb/100ft²) 3.000	Gel 10 min (lb/100ft²) 5.000	Filtrate (mL/30min) 16.0	Filter Cake (1/32") 2	pH 8.5	Sand (%) 0.3	Solids (%) 6.0
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 6,000.000	Calcium (mg/L)	Pf (mL/mL) 0.5	Pm (mL/mL) 0.350	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl) 100.0	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Drill Strings

BHA #1, Steerable

Bit Run 1	Drill Bit 7 7/8in, Z616, JK9848	Length (ft) 1.00	IADC Bit Dull 1-4-BT-S-X-0-WT-PR	TFA (incl Noz) (in²) 1.18	BHA ROP... 59.3
Nozzles (1/32") 16/16/16/16/16/16	String Length (ft) 670.92	Max Nominal OD (in) 6.438			

String Components

Smith Z616, 1-6.5" Hunting MM 1.5 ako .16 rev, 1- 7 3/4" 3 Pt. Reamer, 1-6.25" NMDC, 6.5" Gap Sub, 1-6.25" NMDC, 1-7 3/4" 3 Pt Reamer, 18-Jt 4 1/2 HWDP

Comment

Smith Z616 7 7/8 Ser # JK9848 6.5", 7/8, 3.3Stage 0.16 Rev.1.50 AKO SER # 6298 , 6.5" 3 Pt. Reamer, , 6.5" NMDC, 6.5" Gap Sub, 6.5" NMDC, 3 pt Reamer, 18 Jts. 4 1/2 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	5,693.0	6,700.0	5,648.00	94.50	45.8	362	22	55	1,200.0	106	148	11,000.0

AFE Number 1700316US	
Start Depth (ftKB) 5,693.0	End Depth (ftKB) 6,700.0
Target Formation Wasatch	Target Depth (ftKB) 9,134.0

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1121
Brent Bascom	970-250-2928

Rigs

Capstar Drilling, 316

Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Jeremy Sparger	Phone Mobile 307-315-3927

1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp)	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079	
P (psi) 1,100.0	Slow Spd No	Strokes (s...) 125	Eff (%) 95

2, Gardner-Denver, PZ-9

Pump #	Pwr (hp)	Rod Dia (in)
2		
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6	9.02	0.079
P (psi)	Slow Spd	Strokes (s... Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Anco Defoam	72.00	1.0
ANCO DRILL	65.00	3.0
Anco Fiber	38.00	8.0
Bar Bulk	185.00	18.57
CITRIC ACID	65.95	2.0
DAP	23.85	37.0
Drill Pac HV	145.00	6.0
ENGINEERING	275.00	1.0
HiYeld GEL	6.70	70.0
Multi Seal	13.45	8.0
PALLETS	18.00	12.0
SAWDUST	4.76	115.0
SHRINK WRAP	18.00	12.0
TAX	1.00	612.0
TRAILER RENTAL	95.00	1.0
TRUCKING	1.00	600.0
Xcide	120.25	1.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 6/13/2016
Report #: 9.0, DFS: 5.08
Depth Progress: 500.00

Well Name: KENDALL 16-17-3-1E

UWI/API 43-047-55132	Surface Legal Location 16-17-3-1	License #
Spud Date 5/23/2016 09:30	Date TD Reached (wellbore) 6/15/2016 22:00	Rig Release Date 6/17/2016 15:00
	Ground Elevation (ft) 5,018.00	Orig KB Elev (ft) 5,030.00

Completion Type

Weather Rain	Temperature (°F) 78.0	Road Condition Good	Hole Condition Good
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Operation At 6am
Drilling @ 7200'

Operation Next 24hrs
Drill 7 7/8" Production Hole

24 Hr Summary
Drill 7 7/8" Production Hole, 6700' to 6719' Trip for Bit & Mud Motor. Lay down Directional Tools. Trip in Hole, Break Circ. every 1500, (Lost 50 bbl Mud) Continue Drilling f/ 6719' to 7200' 481' @ 50.1 fph) 18k wob, No Losses, Lithology - 50% SH, 30% SS, 15% CLYST, 5% LS. BKG 155-195 u, Conn. 360-745 u, Peak 769 u, Trip 2419 u.

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	07:00	1.00	1.00	2	DRILL ACTUAL	Drilling f/ 6700' to 6719' 24k wob , 393 gpm
07:00	07:30	0.50	1.50	5	COND MUD & CIRC	Spot 50 bbl 11.0 ppg Kill Pill @ 5000'.
07:30	13:30	6.00	7.50	6	TRIPS	Trip for Bit, Lay Down Directional Tools,
13:30	14:00	0.50	8.00	7	LUBRICATE RIG	Rig Service
14:00	16:00	2.00	10.00	6	TRIPS	Change out Mud Motor & 2- 3 pt Roller Reamers, Pick Up 4 - 6 1/4" DC, 18 - HWDP, TIH to 1500'.
16:00	16:30	0.50	10.50	5	COND MUD & CIRC	Circulate Bottoms Up @ 1500'
16:30	20:30	4.00	14.50	6	TRIPS	Trip In Hole , Break Circ. Every 1500', Wash 60 ' to bottom. (Lost 50 bbl. mud)
20:30	06:00	9.50	24.00	2	DRILL ACTUAL	Drilling f/ 6719' to 7200' (481' @ 50.6) 18k wob, 362 gpm, no Losses.

Mud Checks

6,719.0ftKB, 6/13/2016 08:30

Type DAP	Time 08:30	Depth (ftKB) 6,719.0	Density (lb/gal) 9.40	Funnel Viscosity (s/qt) 34	PV Override (cP) 8.0	YP OR (lb/100ft²) 6.000
Gel 10 sec (lb/100ft²) 4.000	Gel 10 min (lb/100ft²) 5.000	Filtrate (mL/30min) 16.0	Filter Cake (1/32") 2	pH 8.7	Sand (%) 0.3	Solids (%) 6.5
MBT (lb/bbl)	Alkalinity (mL/mL) 5,500.000	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL) 0.5	Pm (mL/mL) 0.650	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)		Mud Lost to Hole (bbl) 50.0	Mud Lost to Surface (bbl)		Reserve Mud Volume (bbl)	Active Mud Volume (bbl)

Drill Strings

BHA #2, Packed Hole

Bit Run 2	Drill Bit 7 7/8in, MDi616, JK2987	Length (ft) 1.00	IADC Bit Dull 0-0-NO-A-X-O-NO-TD	TFA (incl Noz) (in²) 1.18	BHA ROP... 50.7
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Nozzles (1/32")
16/16/16/16/16

String Length (ft)
6,628.40

Max Nominal OD (in)
6.500

String Components
Smith MDi616, 1-6.5" Hunting MM 1.5 ako .16 rev, 1-7 3/4" 3 Pt Reamer, 2-6 1/4" DC, 1- 7 3/4" 3 Pt. Reamer, 2-6 1/4" DC, 18-Jt 4 1/2 HWDP

Comment
Smith MDi616 7 7/8 Ser # JK2987 6.5", 7/8, 3.3 Stage 0.16 Rev.1.50 AKO SER # 6187 , 7 3/4" 3 Pt. Reamer, , 2-6 1/4" x 2 5/16" DC, 7 3/4" 3 pt Reamer, 2- 6 1/4" x 2 5/16" DC, 18 Jts. 4 1/2 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	6,719.0	7,200.0	481.00	9.50	50.6	362	18	65	1,100.0	128	154	12,00 0.0

AFE Number 1700316US	
Start Depth (ftKB) 6,700.0	End Depth (ftKB) 7,200.0
Target Formation Wasatch	Target Depth (ftKB) 9,134.0

Last Casing String Surface, 1,032.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1121
Brent Bascom	970-250-2928

Rigs

Capstar Drilling, 316

Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Jeremy Sparger	Phone Mobile 307-315-3927

1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.079
P (psi) 1,200.0	Slow Spd No	Strokes (s... 125
		Eff (%) 95

2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.079
P (psi)	Slow Spd	Strokes (s... Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Bar Bulk	185.00	11.0
CITRIC ACID	65.95	1.0
DAP	23.85	60.0
Drill Pac HV	145.00	7.0
ENGINEERING	275.00	1.0
HiYeld GEL	6.70	49.0
Multi Seal	13.45	14.0
SAWDUST	4.76	47.0
TAX	1.00	416.0
TRAILER RENTAL	95.00	1.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 6/14/2016
Report #: 10.0, DFS: 6.08
Depth Progress: 1,300.00

Well Name: KENDALL 16-17-3-1E

UWI/API 43-047-55132		Surface Legal Location 16-17-3-1		License #	
Spud Date 5/23/2016 09:30		Date TD Reached (wellbore) 6/15/2016 22:00		Rig Release Date 6/17/2016 15:00	
				Ground Elevation (ft) 5,018.00	
				Orig KB Elev (ft) 5,030.00	
Completion Type					
Weather Clear		Temperature (°F) 80.0		Road Condition Good	
				Hole Condition Good	
Operation At 6am Drilling @ 8500'				Operation Next 24hrs Drill 7 7/8" Production Hole to 9155' MD, Short Trip to 6500', Circulate for Logs, Spot Kill Pill, Lay Down DP	

24 Hr Summary

Drilling f/ 7200 to 8500' (1300' @ 56.5 fph) 18k wob, 393 gpm. (390 bbl seepage loss), Wireline Survey @ 7890', 1.72" Incl, Wasatch Top @ 8350' MD, Lithology - 40% SH, 30% SS, 20% CLYST, 10% LS , BKG 950-1345 u, Conn. 2347-3615 u, Peak 2909 u.@ 7996'.

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	16:00	10.00	10.00	2	DRILL ACTUAL	Drilling f/ 7200' to 7758' (481' @ 50.6) 18k wob, 393 gpm, 120 bbl seepage Loss
16:00	16:30	0.50	10.50	7	LUBRICATE RIG	Rig Service
16:30	19:00	2.50	13.00	2	DRILL ACTUAL	Drilling f/ 7758' to 7972' (214' @ 85.6) 18k wob, 393 gpm, 50 bbl seepage Loss
19:00	19:30	0.50	13.50	10	DEVIATION SURVEY	Wireline Survey
19:30	06:00	10.50	24.00	1	RIGUP & TEARDOWN	Drilling f/ 7972' to 8500' (528' @ 50.3) 18k wob, 393 gpm, (220 bbl seepage loss)

Mud Checks

7,319.0ftKB, 6/14/2016 08:30

Type DAP	Time 08:30	Depth (ftKB) 7,319.0	Density (lb/gal) 9.40	Funnel Viscosity (s/qt) 36	PV Override (cP) 9.0	YP OR (lb/100ft²) 6.000
Gel 10 sec (lb/100ft²) 4.000	Gel 10 min (lb/100ft²) 5.000	Filtrate (mL/30min) 15.6	Filter Cake (1/32") 2	pH 8.7	Sand (%) 0.2	Solids (%) 6.7
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 6,000.000	Calcium (mg/L)	Pf (mL/mL) 1.1	Pm (mL/mL) 0.400	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl) 390.0	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Drill Strings

BHA #2, Packed Hole

Bit Run 2	Drill Bit 7 7/8in, MDi616, JK2987	Length (ft) 1.00	IADC Bit Dull 0-0-NO-A-X-O-NO-TD	TFA (incl Noz) (in²) 1.18	BHA ROP... 50.7
Nozzles (1/32") 16/16/16/16/16/16		String Length (ft) 6,628.40		Max Nominal OD (in) 6.500	
String Components Smith MDi616, 1-6.5" Hunting MM 1.5 ako .16 rev, 1-7 3/4" 3 Pt Reamer, 2-6 1/4" DC, 1- 7 3/4" 3 Pt. Reamer, 2-6 1/4" DC, 18-Jt 4 1/2 HWDP					
Comment Smith MDi616 7 7/8 Ser # JK2987 6.5", 7/8, 3.3 Stage 0.16 Rev.1.50 AKO SER # 6187 , 7 3/4" 3 Pt. Reamer, , 2-6 1/4" x 2 5/16" DC, 7 3/4" 3 pt Reamer, 2- 6 1/4" x 2 5/16" DC, 18 Jts. 4 1/2 HWDP					

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	7,200.0	8,500.0	1,781.0	32.50	56.5	393	18	65	1,350.0	142	172	12,000.0

AFE Number 1700316US	
Start Depth (ftKB) 7,200.0	End Depth (ftKB) 8,500.0
Target Formation Wasatch	Target Depth (ftKB) 9,134.0

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1121
Brent Bascom	970-250-2928

Rigs

Capstar Drilling, 316

Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Jeremy Sparger	Phone Mobile 307-315-3927

1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi) 1,100.0	Slow Spd No	Strokes (s...) 115
Eff (%) 95		

2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
CITRIC ACID	65.95	1.0
DAP	23.85	26.0
Drill Pac HV	145.00	5.0
HiYeld GEL	6.70	14.0
Multi Seal	13.45	7.0
PALLETS	18.00	5.0
SAWDUST	4.76	58.0
SHRINK WRAP	18.00	5.0
TAX	1.00	213.0
TRAILER RENTAL	95.00	1.0
TRUCKING	1.00	600.0
Xcide	120.25	1.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 6/15/2016
Report #: 11.0, DFS: 7.08
Depth Progress: 655.00

Well Name: KENDALL 16-17-3-1E

UWI/API 43-047-55132		Surface Legal Location 16-17-3-1		License #	
Spud Date 5/23/2016 09:30	Date TD Reached (wellbore) 6/15/2016 22:00	Rig Release Date 6/17/2016 15:00		Ground Elevation (ft) 5,018.00	Orig KB Elev (ft) 5,030.00
Completion Type					
Weather Clear		Temperature (°F) 85.0		Road Condition Good	
				Hole Condition Good	
Operation At 6am Lay Down DP		Operation Next 24hrs Lay Down DP, Run Open Hole Logs, Run & Cement 5.5" Production Casing, N/D BOP, Clean Pits			

24 Hr Summary

Drill 7 7/8" Production Hole f/ 8500' to 9155' MD, (655' @ 42.3 fph, 120 bbl seepage Loss), Short Trip to 6500', Circulate for Logs, (no Losses, 8' Flare) Spot 11.0 ppg Kill Pill, TD to 5900', Lay Down DP . Lithology- 60% CLYST, 30% SH, 8% SS, 2% LS, BKG 1210-1270 u, Conn. 1540-1830 u, Peak 1189 u @ 8530 u, Trip 7799 u.

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	16:00	10.00	10.00	2	DRILL ACTUAL	Drilling f/ 8500' to 8913' (413' @ 41.3) 18k wob, 393 gpm, (120 bbl seepage loss)
16:00	16:30	0.50	10.50	7	LUBRICATE RIG	Rig Service
16:30	22:00	5.50	16.00	2	DRILL ACTUAL	Drilling f/ 8913' to 9155' Production Hole TD (242' @ 44 fph) 20k wob, 362 gpm. no losses
22:00	23:00	1.00	17.00	5	COND MUD & CIRC	Circulate Bottoms up Sample
23:00	02:30	3.50	20.50	6	TRIPS	Wiper Trip to 6500'
02:30	04:00	1.50	22.00	5	COND MUD & CIRC	Circulate for Logs, (no losses, 8' Flare) Spot 200 bbl Kill Pill, TD to 5900'
04:00	06:00	2.00	24.00	6	TRIPS	Lay Down Drill Pipe

Mud Checks

8,608.0ftKB, 6/15/2016 09:00

Type DAP	Time 09:00	Depth (ft)KB 8,608.0	Density (lb/gal) 9.90	Funnel Viscosity (s/qt) 39	PV Override (cP) 11.0	YP OR (lb/100ft²) 13.000
Gel 10 sec (lb/100ft²) 6.000	Gel 10 min (lb/100ft²) 8.000	Filtrate (mL/30min) 14.8	Filter Cake (1/32") 2	pH 8.7	Sand (%) 0.2	Solids (%) 11.0
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 4,500.000	Calcium (mg/L)	Pf (mL/mL) 0.75	Pm (mL/mL) 0.300	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)		Mud Lost to Hole (bbl) 120.0	Mud Lost to Surface (bbl)		Reserve Mud Volume (bbl)	Active Mud Volume (bbl)

Drill Strings

BHA #2, Packed Hole

Bit Run 2	Drill Bit 7 7/8in, MDi616, JK2987	Length (ft) 1.00	IADC Bit Dull 0-0-NO-A-X-O-NO-TD	TFA (incl Noz) (in²) 1.18	BHA ROP... 50.7
Nozzles (1/32") 16/16/16/16/16/16		String Length (ft) 6,628.40		Max Nominal OD (in) 6.500	

String Components

Smith MDi616, 1-6.5" Hunting MM 1.5 ako .16 rev, 1-7 3/4" 3 Pt Reamer, 2-6 1/4" DC, 1- 7 3/4" 3 Pt. Reamer, 2-6 1/4" DC, 18-Jt 4 1/2 HWDP

Comment

Smith MDi616 7 7/8 Ser # JK2987 6.5", 7/8, 3.3 Stage 0.16 Rev.1.50 AKO SER # 6187 , 7 3/4" 3 Pt. Reamer, , 2-6 1/4" x 2 5/16" DC, 7 3/4" 3 pt Reamer, 2- 6 1/4" x 2 5/16" DC, 18 Jts. 4 1/2 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	8,500.0	9,155.0	2,436.0	48.00	42.3	362	20	65	1,700.0	150	184	12,000.0
Original Hole	9,155.0	9,155.0	2,436.0	48.00								
Original Hole	9,155.0	9,155.0	2,436.0	48.00								

AFE Number 1700316US	
Start Depth (ftKB) 8,500.0	End Depth (ftKB) 9,155.0
Target Formation Wasatch	Target Depth (ftKB) 9,134.0

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1121
Brent Bascom	970-250-2928

Rigs

Capstar Drilling, 316

Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Jeremy Sparger	Phone Mobile 307-315-3927

1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi) 1,350.0	Slow Spd No	Strokes (s...) 125
		Eff (%) 95
P (psi) 1,350.0	Slow Spd No	Strokes (s...) 115
		Eff (%) 95

2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...)
		Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
BAR 100# SACK	10.85	162.0
CAL CARB	13.35	36.0
DAP	23.85	12.0
Drill Pac HV	145.00	7.0
ENGINEERING	275.00	1.0
Multi Seal	13.45	21.0
SAWDUST	4.76	150.0
TAX	1.00	326.0
TRAILER RENTAL	95.00	1.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 6/16/2016
Report #: 12.0, DFS: 8.08
Depth Progress: 0.00

Well Name: KENDALL 16-17-3-1E

UWI/API 43-047-55132		Surface Legal Location 16-17-3-1		License #	
Spud Date 5/23/2016 09:30	Date TD Reached (wellbore) 6/15/2016 22:00	Rig Release Date 6/17/2016 15:00	Ground Elevation (ft) 5,018.00	Orig KB Elev (ft) 5,030.00	
Completion Type					
Weather Clear	Temperature (°F) 87.0	Road Condition Good	Hole Condition Good		
Operation At 6am Reciprocate Casing		Operation Next 24hrs Run & Cement Production Casing, Nipple Down , Clean Pits, Release Rig for Move to Gray 1-17-3-1E			
24 Hr Summary Lay Down Drill Pipe, Safety Meeting, Rig up Halliburton Logging, Log Open Hole, 1 Run , Dipole Quad DLLT/ Sonic ,Loggers depth 9152'. Run 5.5" Production Casing to 8570', Reciprocate Casing - Wait for final Cement Delivery before Proceeding to Bottom .(Utah D.O.G.M. Notified ,Not Witnessed)					

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	06:30	0.50	0.50	6	TRIPS	Lay Down Drill Pipe to 5400'
06:30	07:30	1.00	1.50	5	COND MUD & CIRC	Circulate Hole Clean @ 5400'
07:30	11:30	4.00	5.50	6	TRIPS	Lay Down Drill Pipe & BHA
11:30	20:30	9.00	14.50	11	WIRELINE LOGS	Safety Meeting, Rig up Halliburton Logging, 1 Run , Dipole Quad DLLT/ Sonic ,Loggers depth 9152.
20:30	03:00	6.50	21.00	12	RUN CASING & CEMENT	Run 5.5" 17.0 lb/ft, CP-80 Production Casing to 8570'
03:00	06:00	3.00	24.00	22	OPEN	Wait on Lead Cement Delivery , Reciprocate Casing

Mud Checks

9,155.0ftKB, 6/16/2016 00:00

Type DAP	Time 00:00	Depth (ftKB) 9,155.0	Density (lb/gal) 10.20	Funnel Viscosity (s/qt) 36	PV Override (cP) 8.0	YP OR (lb/100ft²) 9.000
Gel 10 sec (lb/100ft²) 5.000	Gel 10 min (lb/100ft²) 7.000	Filtrate (mL/30min) 16.0	Filter Cake (1/32") 2	pH 8.5	Sand (%) 0.2	Solids (%) 9.0
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 3,200.000	Calcium (mg/L)	Pf (mL/mL) 0.5	Pm (mL/mL) 0.150	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Drill Strings

BHA #2, Packed Hole

Bit Run 2	Drill Bit 7 7/8in, MDi616, JK2987	Length (ft) 1.00	IADC Bit Dull 0-0-NO-A-X-O-NO-TD	TFA (incl Noz) (in²) 1.18	BHA ROP... 50.7
Nozzles (1/32") 16/16/16/16/16/16		String Length (ft) 6,628.40		Max Nominal OD (in) 6.500	
String Components Smith MDi616, 1-6.5" Hunting MM 1.5 ako .16 rev, 1-7 3/4" 3 Pt Reamer, 2-6 1/4" DC, 1- 7 3/4" 3 Pt. Reamer, 2-6 1/4" DC, 18-Jt 4 1/2 HWDP					
Comment Smith MDi616 7 7/8 Ser # JK2987 6.5", 7/8, 3.3 Stage 0.16 Rev.1.50 AKO SER # 6187 , 7 3/4" 3 Pt. Reamer, , 2-6 1/4" x 2 5/16" DC, 7 3/4" 3 pt Reamer, 2- 6 1/4" x 2 5/16" DC, 18 Jts. 4 1/2 HWDP					

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	9,155.0	9,155.0	2,436.00	48.00								

AFE Number 1700316US	
Start Depth (ftKB) 9,155.0	End Depth (ftKB) 9,155.0
Target Formation Wasatch	Target Depth (ftKB) 9,134.0
Last Casing String Surface, 1,032.0ftKB	

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1121
Brent Bascom	970-250-2928

Rigs

Capstar Drilling, 316

Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Jeremy Sparger	Phone Mobile 307-315-3927

1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)

2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
BAR 100# SACK	10.85	147.0
DAP	23.85	23.0
Drill Pac HV	145.00	2.0
ENGINEERING	275.00	1.0
HiYeld GEL	6.70	7.0
Multi Seal	13.45	14.0
SAWDUST	4.76	55.0
TAX	1.00	233.0
TRAILER RENTAL	95.00	1.0
Xcide	120.25	1.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 6/17/2016
Report #: 13.0, DFS: 9.08
Depth Progress: 0.00

Well Name: KENDALL 16-17-3-1E

UWI/API 43-047-55132	Surface Legal Location 16-17-3-1	License #
Spud Date 5/23/2016 09:30	Date TD Reached (wellbore) 6/15/2016 22:00	Rig Release Date 6/17/2016 15:00
	Ground Elevation (ft) 5,018.00	Orig KB Elev (ft) 5,030.00

Completion Type

Weather Clear	Temperature (°F) 89.0	Road Condition Good	Hole Condition Good
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Operation At 6am Rig Down	Operation Next 24hrs M.I.R.U. on Gray 1-17-3-1E
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24 Hr Summary
Run 210 Jts 5.5" , 17 lb/ft, LT&C Prod. Casing Set @ 9138.8', Land Casing hanger w/ 130k - S/M Rig up Halliburton, Cement Prod Casing w/ 286 bbl (605 sx) Lead + 225 bbl 13.5 ppg(805sx) Displace w/ 212 bbl fresh Water, No Returns until 180 bbl into Tail Cement, Good returns for Remainder of Job. 2210 psi Lift Pressure @ 2 bbl/min Slow Rate, landed Latch Down plug w/ 2650 psi. Floats Held, No Cement to Surface. Nipple Down BOP, Clean Pits, Release Rig @ 15:00, 6/17/16.

Time Log						
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	07:00	1.00	1.00	12	RUN CASING & CEMENT	Finish Running 210 Jts. 5.5" 17 lb/ft, CP-80 LT&C Production Casing,Set @ 9138.8', Float Collar Set @ 9092',Wasatch Marker Set@ 8309', TGR3 Marker set @ 6309',First 3 jts. Centrtralized then every 3rd JT. to Top of TGR3, Landed Casing Hanger w/ 130K.
07:00	10:00	3.00	4.00	12	RUN CASING & CEMENT	Rig up Halliburton,Pressure Test lines to 5000 psi. Pump 10 bbl Fresh Water Spacer, 286 bbl (605 sx) 11.0 ppg, 2.66 cuft/sk Lead Cement @ 6 bbl/min., 225 bbl (805 sx) 13.1 ppg, 1.57 cuft/sk Tail cement @ 6 bbl/min, No Returns Until 180 bbl into Tail Cement . Displace w/ 212 bbl. Fresh water - Good returns for remainder of Job. 2210 psi Lift Pressure @ 2 bbl/min. slow pump Rate. Land Latch Down Plug w/ 2650 psi, Floats Held. No cement to Surface. Rig Down Halliburton, Lay down landing Jt. & CRT.
10:00	14:00	4.00	8.00	1	RIGUP & TEARDOWN	Nipple Down BOP, Clean Pits, Release Rig @ 15:00, 06/17/2016

Mud Checks

<depth>ftKB, <dtm>

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)			

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number
1700316US

Start Depth (ftKB) 9,155.0	End Depth (ftKB) 9,155.0
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Target Formation Wasatch	Target Depth (ftKB) 9,134.0
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Last Casing String
Production, 9,138.8ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1121
Brent Bascom	970-250-2928

Rigs

Capstar Drilling, 316

Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Jeremy Sparger	Phone Mobile 307-315-3927

1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)

2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
ENGINEERING	275.00	1.0
TAX	1.00	26.0
TRAILER RENTAL	95.00	1.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 , Denver, CO, 80202		8. WELL NAME and NUMBER: Kendall 16-17-3-1E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0925 FSL 0541 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 17 Township: 03.0S Range: 01.0E Meridian: U		9. API NUMBER: 43047551320000
PHONE NUMBER: 720 880-3621 Ext		9. FIELD and POOL or WILDCAT: INDEPENDENCE
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/13/2016
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	OTHER: <input style="width: 100px;" type="text"/>		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Crescent Point Energy US Corp reports the first production of hydrocarbons for Kendall 16-17-3-1E on July 13, 2016.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

FOR RECORD ONLY

August 01, 2016

NAME (PLEASE PRINT) Kelly Beverlin	PHONE NUMBER 720 880-3635	TITLE Engineering Technician
SIGNATURE N/A	DATE 7/29/2016	